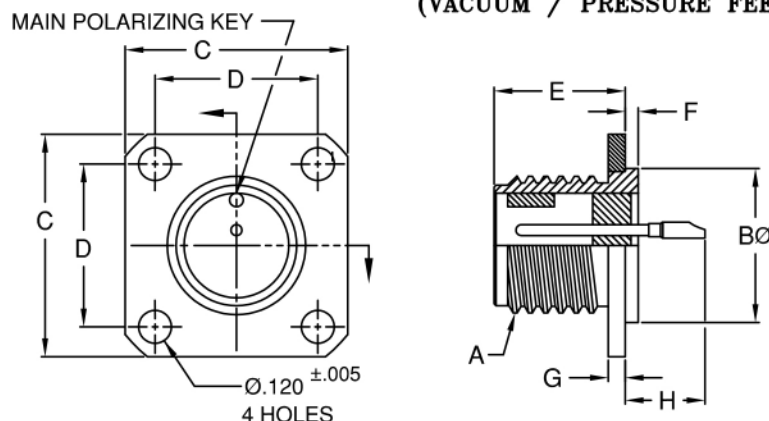


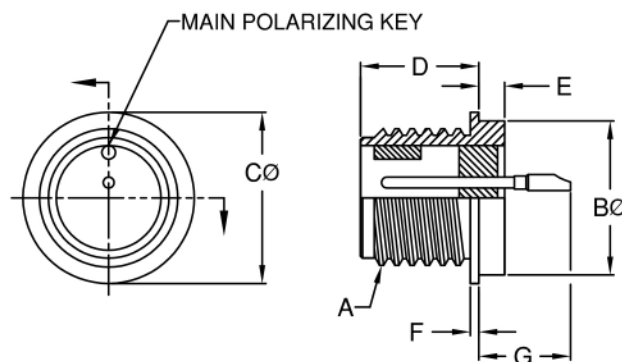
MINIATURE HERMETIC ELECTRONIC CONNECTORS—DC SERIES

SPECIAL ACME THREAD COUPLING MIL-DTL-26482 TYPE, COMMERCIAL EQUAL HERMETIC GLASS-TO-METAL SEALED (VACUUM / PRESSURE FEED THRU'S)



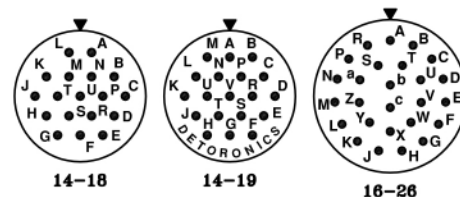
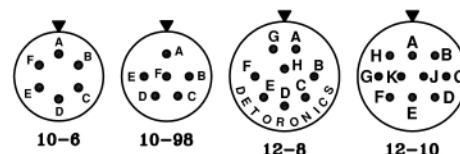
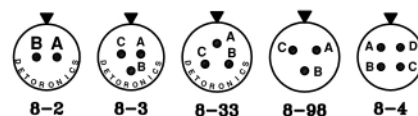
PART NO.	A THREAD CLASS 2A	BØ +.001 -.005	C ±.016	D ±.005	E +.026 -.016	F ±.016	G ±.016	H MAX.
DC02H-8-#PN	.5000 DS	.562	.812	.594	.469	.047	.062	.344
DC02H-10-#PN	.6250 DS	.672	.938	.719	.469	.047	.062	.344
DC02H-12-#PN	.7500 DS	.781	1.031	.812	.469	.047	.062	.344
DC02H-14-#PN	.8750 DS	.906	1.125	.906	.469	.047	.062	.344
DC02H-16-#PN	1.0000 DS	1.031	1.219	.969	.469	.047	.062	.344

DC02H - FLANGE MOUNT CONNECTORS



PART NO.	A THREAD CLASS 2A	BØ +.001 -.005	CØ MAX.	D +.025 -.016	E +.011 -.010	F +.006 -.005	G MAX.
DC1H-8-#PN	.5000 DS	.562	.636	.422	.094	.031	.386
DC1H-10-#PN	.6250 DS	.672	.761	.422	.094	.031	.386
DC1H-12-#PN	.7500 DS	.781	.855	.422	.094	.031	.386
DC1H-14-#PN	.8750 DS	.906	.980	.422	.094	.031	.386
DC1H-16-#PN	1.0000 DS	1.031	1.105	.422	.094	.031	.386

DC1H - SOLDER MOUNT CONNECTORS



ENGAGING FACE PIN INSERTS

* ADD DESIRED INSERT ARRANGEMENT.

▼ = INSERT ARRANGEMENT IS SHOWN IN NORMAL POSITION.

OTHER SHELL SIZES, PIN PATTERNS AND INSERT POSITIONS MAY BE AVAILABLE - CONSULT FACTORY.

MATERIAL: STANDARD IS CRS SHELL, 52 NICKEL ALLOY PINS AND NO INTERFACIAL SEAL.

STANDARD PIN IS SOLDER CUP TYPE. OTHER PIN TYPES CAN BE SUPPLIED (EYELET, STRAIGHT, THERMOCOUPLE) - CONSULT FACTORY.

STANDARD FINISH IS TIN PLATED SHELL AND PINS.

OTHER FINISHES ALSO AVAILABLE (GOLD, NICKEL, OLIVE DRAB, etc.) - CONSULT FACTORY.

SPECIALS CAN BE SUPPLIED TO MEET CUSTOMER SPECIFICATIONS - CONSULT FACTORY.

GENERAL SPECIFICATIONS

AIR LEAKAGE: 1x10⁻⁶ CM³/SEC AT 15psi

INSULATION RESISTANCE: 5,000 megohms AT 500VDC

OPERATING TEMPERATURE: -67°F TO +257°F (-55°C TO +125°C)

CURRENT RATING: SIZE 20: 5 AMPS

Detoronic Corporation

13071 ROSECRAVENS AVE, SANTA FE SPRINGS, CA 90670

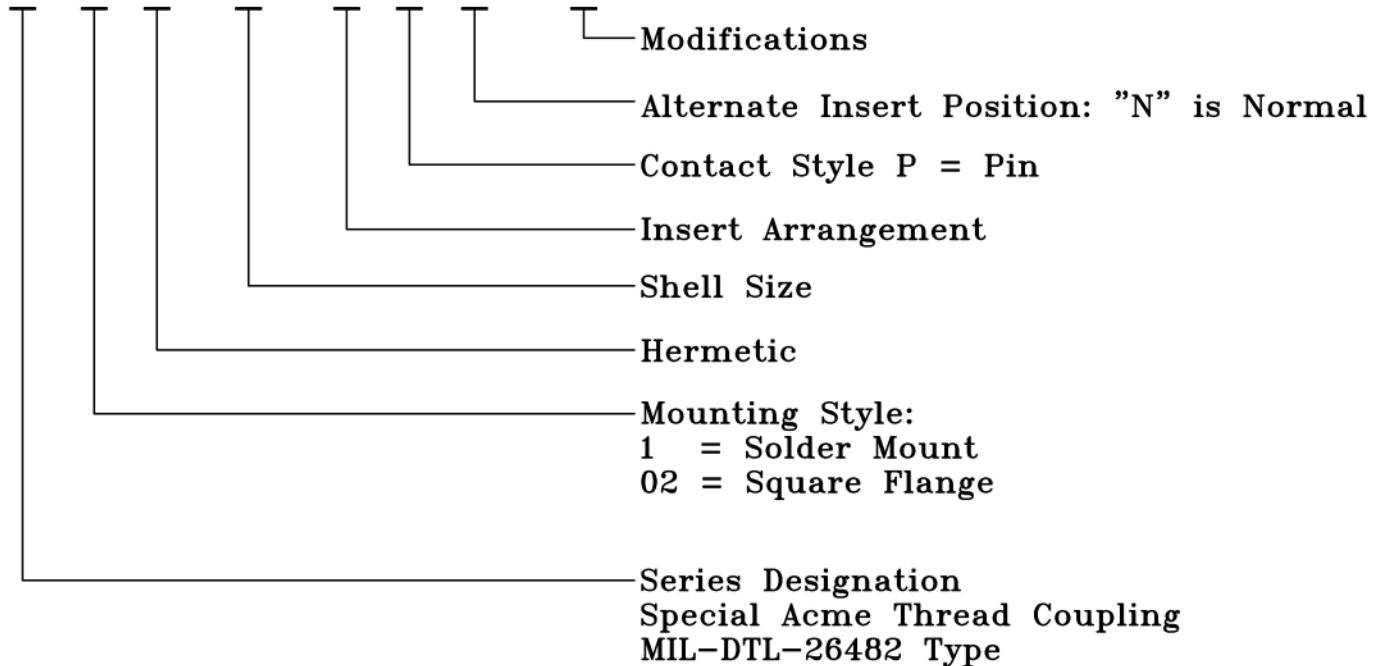
TELE: (626) 579-7130 FAX: (626) 579-1936

www.detoronic.com

MIL-DTL-26482 TYPE, DC SERIES
(COMMERCIAL EQUAL - HERMETIC)

PART NUMBERING SYSTEM

DC 1 H-10-6 P N-***



GENERAL SPECIFICATIONS

MATERIAL

Shell, Key and Flange: Carbon Steel
Pins: 52 Nickel Alloy
Seals: None
Insulator: Glass

CURRENT RATING

Size 20: 5 AMPS

AIR LEAKAGE

1x10⁻⁶ CM³/SEC AT 15psi

INSULATION RESISTANCE

5,000 megohms AT 500VDC

OPERATING TEMPERATURE

-67°F TO +257°F (-55°C TO +125°C)

STANDARD PIN IS SOLDER CUP TYPE. OTHER PIN TYPES ALSO AVAILABLE
(EYELET, STRAIGHT, THERMOCOUPLE) - CONSULT FACTORY.

STANDARD FINISH IS TIN PLATED SHELL AND PINS.
OTHER FINISHES ALSO AVAILABLE (GOLD, NICKEL, OLIVE DRAB, etc.) - CONSULT FACTORY.

SPECIALS CAN BE SUPPLIED TO MEET CUSTOMER SPECIFICATIONS - CONSULT FACTORY.

Detoronics Corporation

13071 ROSECRANS AVE, SANTA FE SPRINGS, CA 90670

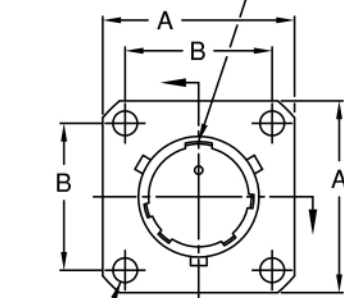
TELE: (626) 579-7130 FAX: (626) 579-1936

www.detoronics.com

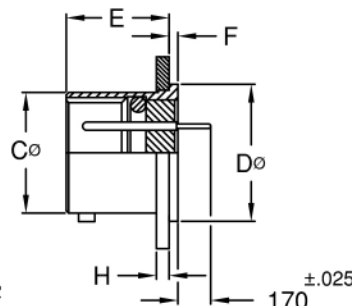
MINIATURE HERMETIC ELECTRONIC CONNECTORS-DFC SERIES

FLEX CIRCUIT SERIES MIL-DTL-26482 TYPE, COMMERCIAL EQUAL HERMETIC GLASS-TO-METAL SEALED (VACUUM / PRESSURE FEED THRU'S)

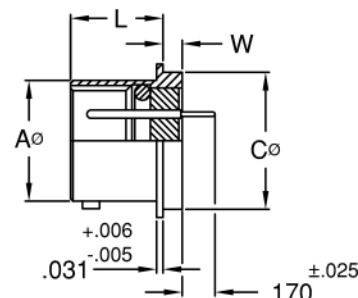
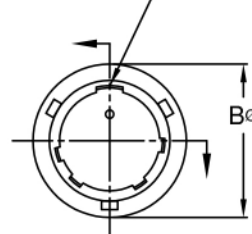
MAIN POLARIZING KEYWAY



4 HOLES
.120 $\pm$.005 - SHELL SIZES 8 THRU 22



MAIN POLARIZING KEYWAY



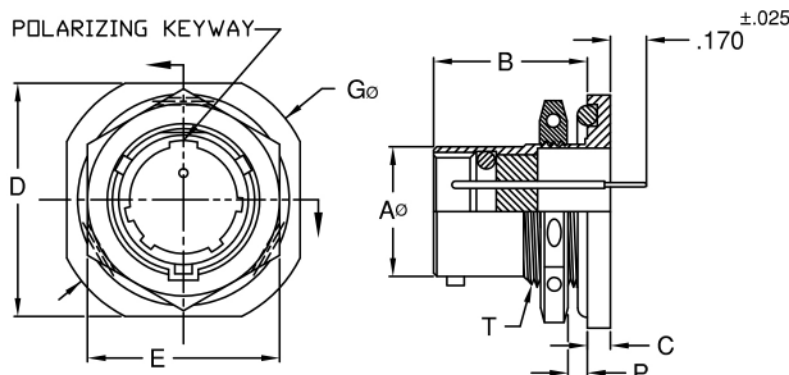
PART NO.	A $\pm$.016	B TYP.	C ϕ $\begin{smallmatrix} +.001 \\ -.005 \end{smallmatrix}$	D ϕ $\begin{smallmatrix} +.001 \\ -.005 \end{smallmatrix}$	E $\begin{smallmatrix} +.025 \\ -.015 \end{smallmatrix}$	F $\pm$.016	H $\pm$.016
DFC02H-8-*PN	.812	.594	.473	.562	.494	.047	.062
DFC02H-10-*PN	.938	.719	.590	.672	.494	.047	.062
DFC02H-12-*PN	1.031	.812	.750	.781	.494	.047	.062
DFC02H-14-*PN	1.125	.906	.875	.906	.494	.047	.062
DFC02H-16-*PN	1.219	.969	1.000	1.031	.494	.047	.062
DFC02H-18-*PN	1.312	1.062	1.125	1.156	.494	.047	.062
DFC02H-20-*PN	1.438	1.156	1.250	1.220	.556	.047	.094
DFC02H-22-*PN	1.562	1.250	1.375	1.340	.556	.079	.094

DFC02H - FLANGE MOUNT CONNECTORS
(MS3112 CLASS H TYPE)

PART NO.	A ϕ $\begin{smallmatrix} +.001 \\ -.005 \end{smallmatrix}$	B ϕ MAX.	C ϕ $\begin{smallmatrix} +.001 \\ -.005 \end{smallmatrix}$	L $\begin{smallmatrix} +.025 \\ -.016 \end{smallmatrix}$	W $\begin{smallmatrix} +.011 \\ -.010 \end{smallmatrix}$
DFC1H-8-*PN	.473	.636	.562	.447	.094
DFC1H-10-*PN	.590	.761	.672	.447	.094
DFC1H-12-*PN	.750	.855	.781	.447	.094
DFC1H-14-*PN	.875	.980	.906	.447	.094
DFC1H-16-*PN	1.000	1.105	1.031	.447	.094
DFC1H-18-*PN	1.125	1.229	1.156	.447	.094
DFC1H-20-*PN	1.250	1.323	1.250	.509	.094
DFC1H-22-*PN	1.375	1.449	1.375	.509	.125

DFC1H - SOLDER MOUNT CONNECTORS
(MS3113 CLASS H TYPE)

MAIN POLARIZING KEYWAY



PART NO.	A ϕ $\begin{smallmatrix} +.001 \\ -.005 \end{smallmatrix}$	B $\begin{smallmatrix} +.031 \\ -.000 \end{smallmatrix}$	C $\pm$.020	D MAX.	E HEX $\pm$.017	G ϕ $\begin{smallmatrix} +.000 \\ -.032 \end{smallmatrix}$	P PANEL THK. MIN. MAX.	T THREAD $\dagger$ UNE-F-2A
DFC07H-8-*PN	.473	.691	.117	.954	.750	1.078	.062 .125	.5625-24
DFC07H-10-*PN	.590	.691	.117	1.078	.875	1.203	.062 .125	.6875-24
DFC07H-12-*PN	.750	.691	.117	1.266	1.062	1.391	.062 .125	.875-20
DFC07H-14-*PN	.875	.691	.117	1.391	1.188	1.516	.062 .125	1.000-20
DFC07H-16-*PN	1.000	.691	.117	1.516	1.312	1.641	.062 .125	1.125-18
DFC07H-18-*PN	1.125	.691	.117	1.641	1.438	1.766	.062 .125	1.250-18
DFC07H-20-*PN	1.250	.879	.148	1.828	1.562	1.954	.062 .250	1.375-18
DFC07H-22-*PN	1.375	.879	.148	1.954	1.688	2.078	.062 .250	1.500-18

DFC07H - JAM NUT MOUNT CONNECTORS
(MS3114 CLASS H TYPE)

* ADD DESIRED INSERT ARRANGEMENT.

▼ INSERT ARRANGEMENT IS SHOWN IN NORMAL POSITION.

† AFTER PLATING, SUBJECT TO ACCEPTANCE USING A BASIC CLASS 3A GO GAGE.

OTHER SHELL SIZES, PIN PATTERNS AND INSERT POSITIONS MAY BE AVAILABLE - CONSULT FACTORY.

MATERIAL: STANDARD IS CRS SHELL, 52 NICKEL ALLOY PINS AND SILICONE O-RING ONLY.

STANDARD PIN IS STEP TYPE. .040" DIA. REDUCED DOWN TO .025" DIA. ON BACK SIDE.

STANDARD FINISH IS TIN PLATED SHELL AND PINS.

OTHER FINISHES ALSO AVAILABLE (GOLD, NICKEL, OLIVE DRAB, etc.) - CONSULT FACTORY.

SPECIALS CAN BE SUPPLIED TO MEET CUSTOMER SPECIFICATIONS - CONSULT FACTORY.

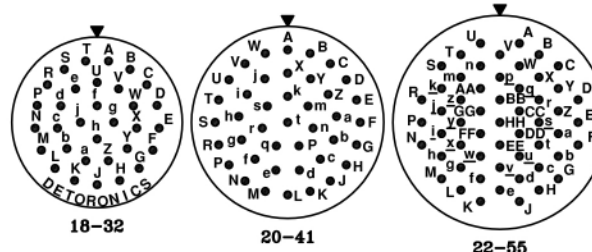
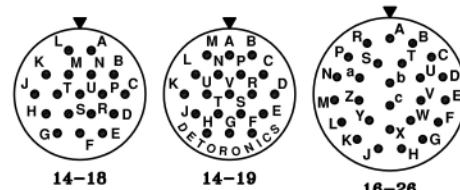
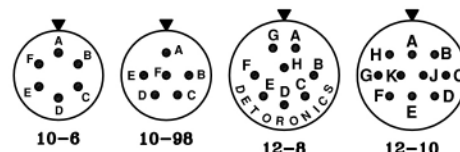
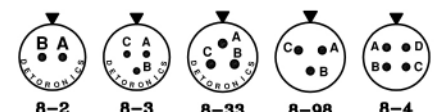
OUR CONNECTORS MATE WITH ANY PLUG WITH SOCKET CONTACTS WHICH MEET THE DIMENSIONAL REQUIREMENTS OF MIL-DTL-26482 AND MS3116.

GENERAL SPECIFICATIONS

AIR LEAKAGE: 1x10⁻⁶ CM³/SEC AT 15psi

INSULATION RESISTANCE: 5,000 megohms AT 500VDC

OPERATING TEMPERATURE: -67°F TO +257°F (-55°C TO +125°C)



ENGAGING FACE PIN INSERTS

Detorionics Corporation

13071 ROSECRANS AVE, SANTA FE SPRINGS, CA 90670

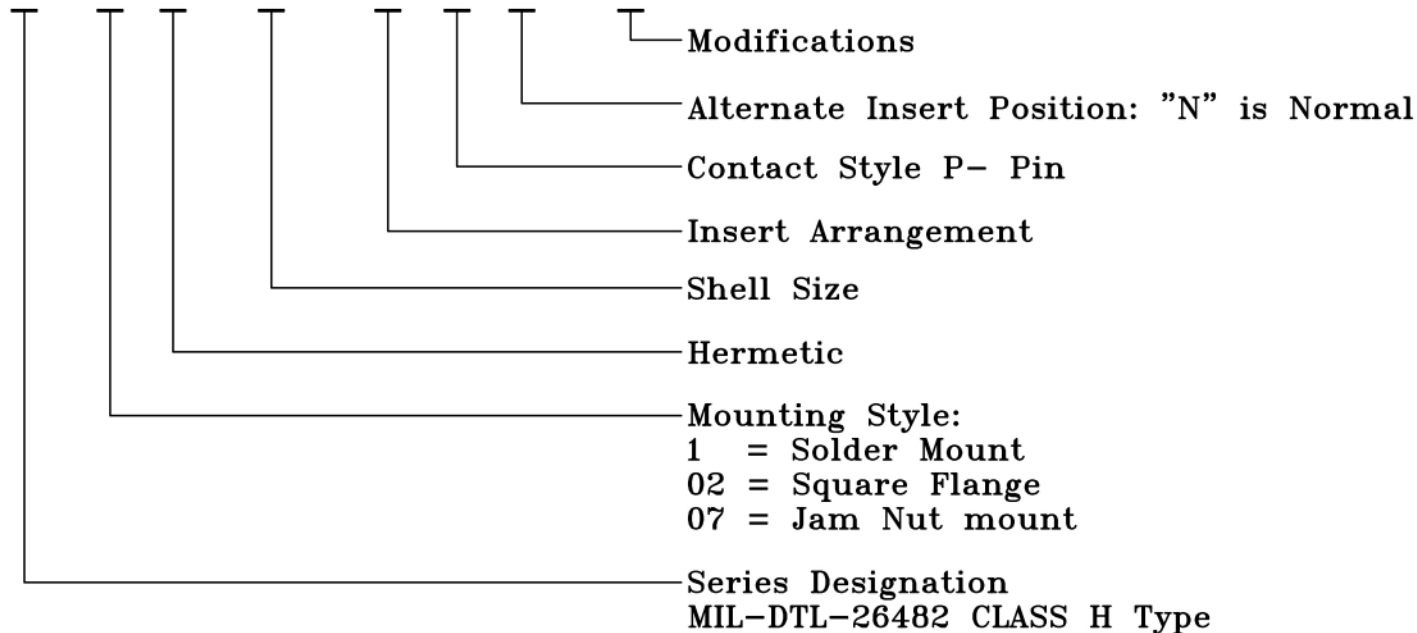
TELE: (626) 579-7130 FAX: (626) 579-1936

www.detorionics.com

MIL-DTL-26482 TYPE, DFC FLEX CIRCUIT SERIES
(COMMERCIAL EQUAL - HERMETIC)

PART NUMBERING SYSTEM

DFC 1 H - 22 - 55 P N - ***



GENERAL SPECIFICATIONS

MATERIAL

Shell, Bayonet and Flange: Carbon Steel
Pins: 52 Nickel Alloy (Step Pin $\phi.040$ " TO $\phi.025$ ")
Seals: Silicone O-Ring only
Insulator: Glass

CURRENT RATING

Size 20: 5 AMPS

AIR LEAKAGE

1×10^{-6} CM³/SEC AT 15psi

INSULATION RESISTANCE

5,000 megohms AT 500VDC

OPERATING TEMPERATURE

-67°F TO +257°F (-55°C TO +125°C)

STANDARD FINISH IS TIN PLATED SHELL AND PINS PER MIL-T-10727.
OTHER FINISHES ALSO AVAILABLE (GOLD, NICKEL, OLIVE DRAB, etc.) - CONSULT FACTORY.

SPECIALS CAN BE SUPPLIED TO MEET CUSTOMER SPECIFICATIONS - CONSULT FACTORY.

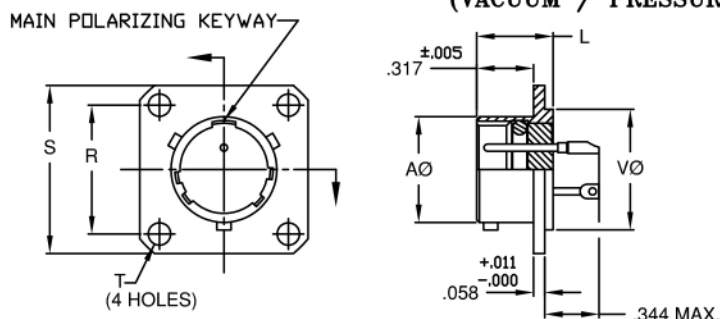
OUR CONNECTORS MATE WITH ANY PLUG WITH SOCKET CONTACTS WHICH MEET
THE DIMENSIONAL REQUIREMENTS OF MIL-DTL-26482 AND MS3116.

Detoronics Corporation

13071 ROSECRANS AVE, SANTA FE SPRINGS, CA 90670
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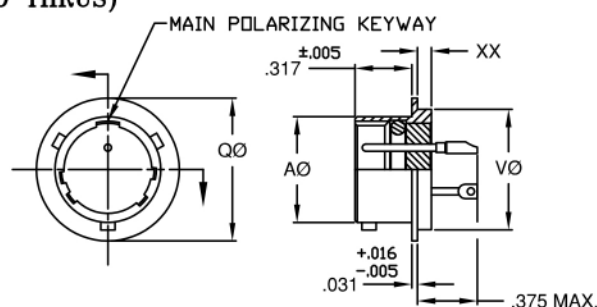
MINIATURE HERMETIC ELECTRONIC CONNECTORS-DJ SERIES

MIL-DTL-38999 SERIES II TYPE, COMMERCIAL EQUAL HERMETIC GLASS-TO-METAL SEALED (VACUUM / PRESSURE FEED THRU)



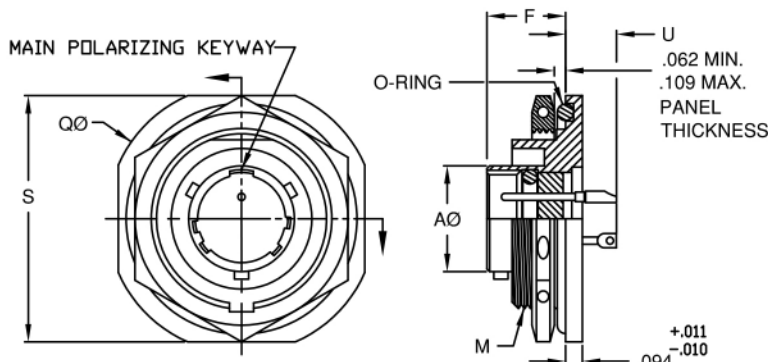
**DJT02H - SQUARE FLANGE MOUNT CONNECTORS
(MS27476 TYPE)**

PART NO.	AØ +.001 -.005	L MAX.	R BSC C-C	S MAX.	T +.010 -.005	VØ +.001 -.005
DJT02H-8-#PN	.473	.453	.594	.828	.120	.562
DJT02H-10-#PN	.590	.453	.719	.954	.120	.672
DJT02H-12-#PN	.750	.453	.812	1.047	.120	.781
DJT02H-14-#PN	.875	.453	.906	1.141	.120	.906
DJT02H-16-#PN	1.000	.453	.969	1.234	.120	1.031
DJT02H-18-#PN	1.125	.453	1.062	1.328	.120	1.156
DJT02H-20-#PN	1.250	.453	1.156	1.453	.120	1.250
DJT02H-22-#PN	1.375	.453	1.250	1.578	.120	1.375
DJT02H-24-#PN	1.500	.484	1.375	1.703	.147	1.500



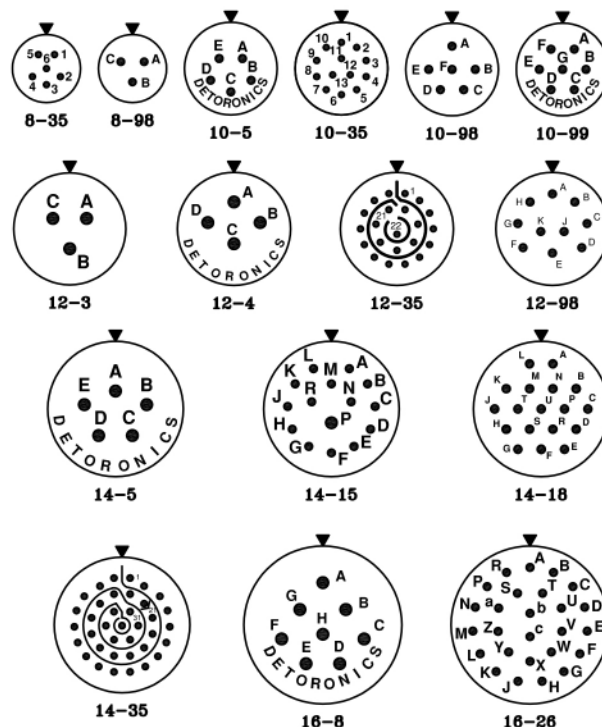
**DJT1H - SOLDER MOUNT CONNECTORS
(MS27478 TYPE)**

PART NO.	AØ +.001 -.005	XX MAX.	QØ +.011 -.010	VØ +.001 -.005
DJT1H-8-#PN	.473	.125	.687	.562
DJT1H-10-#PN	.590	.125	.797	.672
DJT1H-12-#PN	.750	.125	.906	.781
DJT1H-14-#PN	.875	.125	1.031	.906
DJT1H-16-#PN	1.000	.125	1.156	1.031
DJT1H-18-#PN	1.125	.125	1.281	1.156
DJT1H-20-#PN	1.250	.125	1.375	1.250
DJT1H-22-#PN	1.375	.156	1.500	1.375
DJT1H-24-#PN	1.500	.156	1.625	1.500



**DJT07H - JAM NUT MOUNT CONNECTORS
(MS27477 TYPE)**

PART NO.	AØ +.001 -.005	F ±.005	M THREAD † CLASS-2A	QØ ±.016	S ±.016	U MAX.
DJT07H-8-#PN	.473	.438	.8750-20 UNEF	1.375	1.250	.281
DJT07H-10-#PN	.590	.438	1.0000-20 UNEF	1.500	1.375	.281
DJT07H-12-#PN	.750	.438	1.1250-18 UNEF	1.625	1.500	.281
DJT07H-14-#PN	.875	.438	1.2500-18 UNEF	1.750	1.625	.281
DJT07H-16-#PN	1.000	.438	1.3750-18 UNEF	1.938	1.781	.281
DJT07H-18-#PN	1.125	.438	1.5000-18 UNEF	2.016	1.890	.281
DJT07H-20-#PN	1.250	.464	1.6250-18 UNEF	2.141	2.016	.250
DJT07H-22-#PN	1.375	.464	1.7500-18 UNS	2.265	2.140	.250
DJT07H-24-#PN	1.500	.464	1.8750-16 UN	2.390	2.265	.250



* ADD DESIRED INSERT ARRANGEMENT.

▼ INSERT ARRANGEMENT IS SHOWN IN NORMAL POSITION.

† AFTER PLATING, SUBJECT TO ACCEPTANCE USING A BASIC CLASS 3A GO GAGE.

H = O-RING. IF SILICONE INTERFACIAL SEAL IS REQUIRED, SUBSTITUTE 'Y' FOR 'H' IN PART NUMBER.

OTHER PIN PATTERNS AND INSERT POSITIONS MAY BE AVAILABLE - CONSULT FACTORY.

MATERIAL: STANDARD IS CRS SHELL, 52 NICKEL ALLOY PINS AND SILICONE O-RING ONLY.

STANDARD PIN IS SOLDER CUP TYPE. OTHER PIN TYPES ALSO AVAILABLE (EYELET, STRAIGHT) - CONSULT FACTORY.

STANDARD FINISH IS TIN PLATED SHELL AND PINS.

OTHER FINISHES ALSO AVAILABLE (GOLD, NICKEL, OLIVE DRAB, etc.) - CONSULT FACTORY.

SPECIALS CAN BE SUPPLIED TO MEET CUSTOMER SPECIFICATIONS - CONSULT FACTORY.

OUR CONNECTORS MATE WITH ANY PLUG WITH SOCKET CONTACTS WHICH MEET THE DIMENSIONAL REQUIREMENTS OF MIL-DTL-38999 AND MS27484.

GENERAL SPECIFICATIONS

AIR LEAKAGE: 1x10⁻⁷ CM³/SEC AT 15psi

INSULATION RESISTANCE: 5,000 megohms AT 500VDC

OPERATING TEMPERATURE: 39°F TO +201°F (4°C TO +90°C)

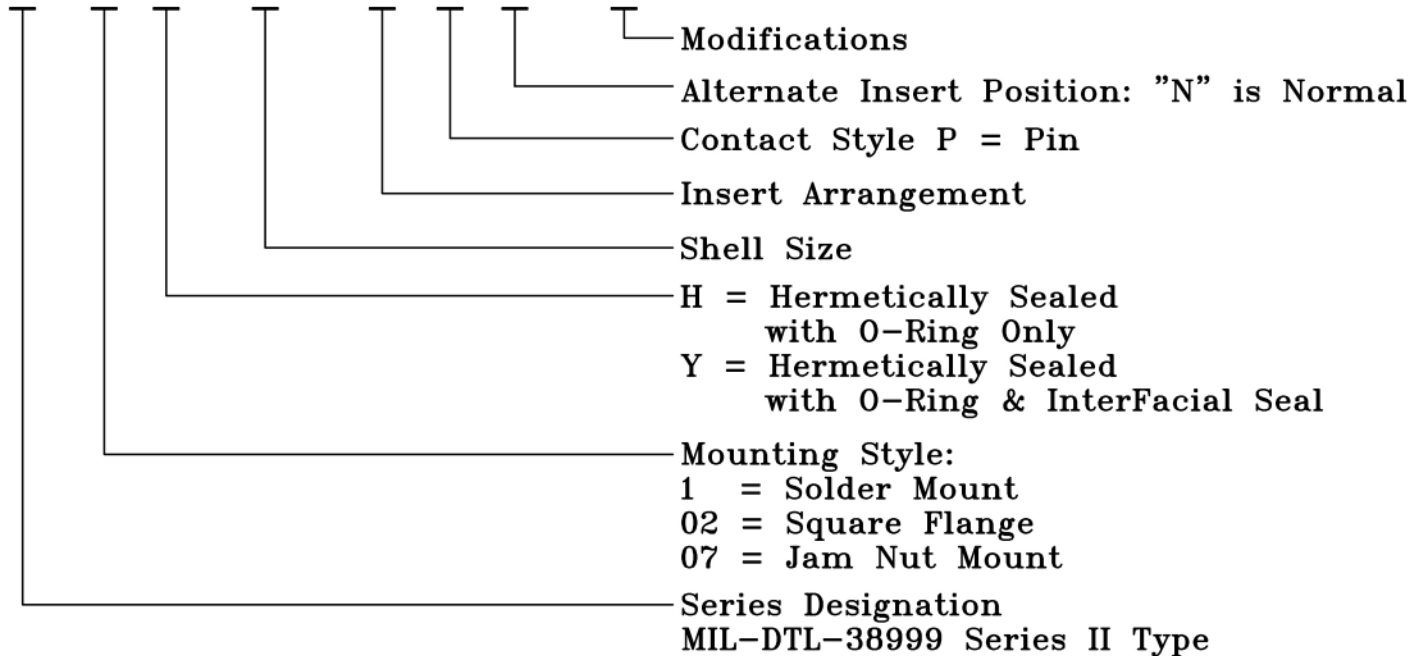
ENGAGING FACE PIN INSERTS

Detoronic Corporation
13071 ROSECRANS AVE, SANTA FE SPRINGS, CA 90670
TELE: (626) 579-7130 FAX: (626) 579-1936
www.detoronic.com

MIL-DTL-38999 SERIES II TYPE, DJ SERIES
(COMMERCIAL EQUAL - HERMETIC)

PART NUMBERING SYSTEM

DJT 1 H - 22 - 55 P N - ***



GENERAL SPECIFICATIONS

MATERIAL

Shell, Bayonet and Flange: Carbon Steel
Pins: 52 Nickel Alloy
Seals: Silicone O-Ring Only
Insulator: Glass

CURRENT RATING

Size 22: 3 AMPS
Size 20: 5 AMPS
Size 16: 10 AMPS

AIR LEAKAGE

1x10⁻⁷ CM³/SEC AT 15psi

INSULATION RESISTANCE

5,000 megohms AT 500VDC

OPERATING TEMPERATURE

39°F TO +201°F (4°C TO +90°C)

STANDARD PIN IS SOLDER CUP TYPE. OTHER PIN TYPES ALSO AVAILABLE (EYELET, STRAIGHT) - CONSULT FACTORY.

STANDARD FINISH IS TIN PLATED SHELL AND PINS.
OTHER FINISHES ALSO AVAILABLE (GOLD, NICKEL, OLIVE DRAB, etc.) - CONSULT FACTORY.

SPECIALS CAN BE SUPPLIED TO MEET CUSTOMER SPECIFICATIONS - CONSULT FACTORY.

OUR CONNECTORS MATE WITH ANY PLUG WITH SOCKET CONTACTS WHICH MEET THE DIMENSIONAL REQUIREMENTS OF MIL-DTL-38999 AND MS27484.

Detoronics Corporation

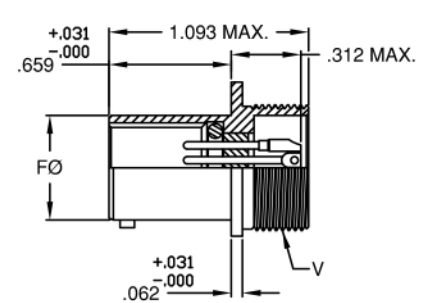
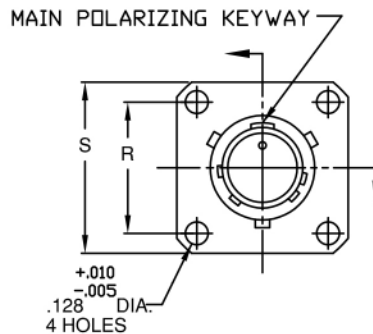
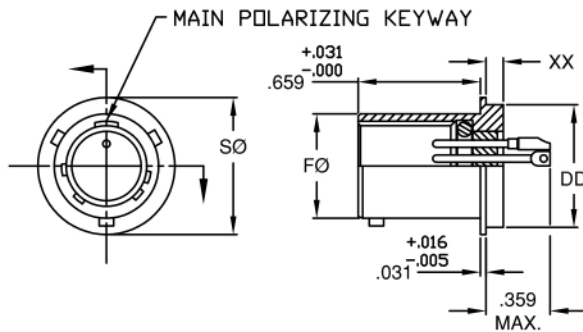
13071 ROSECRANS AVE, SANTA FE SPRINGS, CA 90670

TELE: (626) 579-7130 FAX: (626) 579-1936

www.detoronics.com

MINIATURE HERMETIC ELECTRONIC CONNECTORS-DJL SERIES

MIL-DTL-38999 SERIES I TYPE, COMMERCIAL EQUAL HERMETIC GLASS-TO-METAL SEALED (VACUUM / PRESSURE FEED THRU)

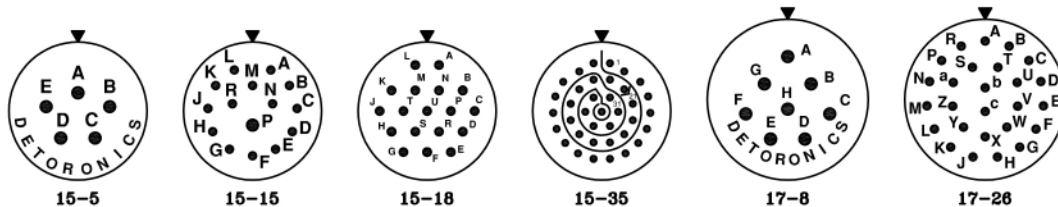
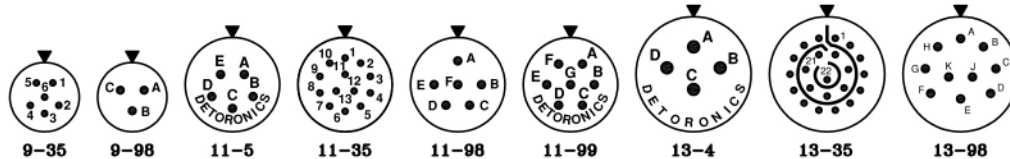


DJLT1H - SOLDER MOUNT CONNECTORS (MS27471 TYPE)

PART NO.	FØ +.001 -.005	DD +.001 -.005	SØ ±.016	XX MAX.
DJLT1H-9-#PN	.572	.672	.750	.187
DJLT1H-11-#PN	.700	.781	.844	.187
DJLT1H-13-#PN	.850	.906	.969	.187
DJLT1H-15-#PN	.975	1.031	1.094	.187
DJLT1H-17-#PN	1.100	1.156	1.218	.187

DJLT02H - SQUARE FLANGE MOUNT CONNECTORS (MS27469 TYPE)

PART NO.	FØ +.001 -.005	S ±.016	R (TYP.) BSC	V THREAD UNEF-2A †
DJLT02H-9-#PN	.572	.938	.719	.6875-24
DJLT02H-11-#PN	.700	1.031	.812	.8125-20
DJLT02H-13-#PN	.850	1.125	.906	.9375-20
DJLT02H-15-#PN	.975	1.219	.969	1.0625-18
DJLT02H-17-#PN	1.100	1.312	1.062	1.1875-18



ENGAGING FACE PIN INSERTS

* ADD DESIRED INSERT ARRANGEMENT.

▼ = INSERT ARRANGEMENT IS SHOWN IN NORMAL POSITION.

† AFTER PLATING, SUBJECT TO ACCEPTANCE USING A BASIC CLASS 3A GO GAGE.

H = O-RING. IF SILICONE INTERFACIAL SEAL IS REQUIRED, SUBSTITUTE 'Y' FOR 'H' IN PART NUMBER.

OTHER SHELL SIZES, PIN PATTERNS AND INSERT POSITIONS MAY BE AVAILABLE - CONSULT FACTORY.

MATERIAL: STANDARD IS CRS SHELL AND 52 NICKEL ALLOY PINS AND SILICONE O-RING ONLY.

STANDARD PIN IS SOLDER CUP. OTHER PIN TYPES ALSO AVAILABLE (EYELET, STRAIGHT) - CONSULT FACTORY.

STANDARD FINISH IS TIN PLATED SHELL AND PINS.

OTHER FINISHES ALSO AVAILABLE (GOLD, NICKEL, OLIVE DRAB, etc.) - CONSULT FACTORY.

SPECIALS CAN BE SUPPLIED TO MEET CUSTOMER SPECIFICATIONS - CONSULT FACTORY.

OUR CONNECTORS MATE WITH ANY PLUG WITH SOCKET CONTACTS WHICH MEET THE DIMENSIONAL REQUIREMENTS OF MIL-DTL-38999 AND MS27467.

GENERAL SPECIFICATIONS

AIR LEAKAGE: 1×10^{-7} CM³/SEC AT 15psi

INSULATION RESISTANCE: 5,000 megohms AT 500VDC

OPERATING TEMPERATURE: 39°F TO +201°F (4°C TO +90°C)

Detoronics Corporation

13071 ROSECRANS AVE, SANTA FE SPRINGS, CA 90670

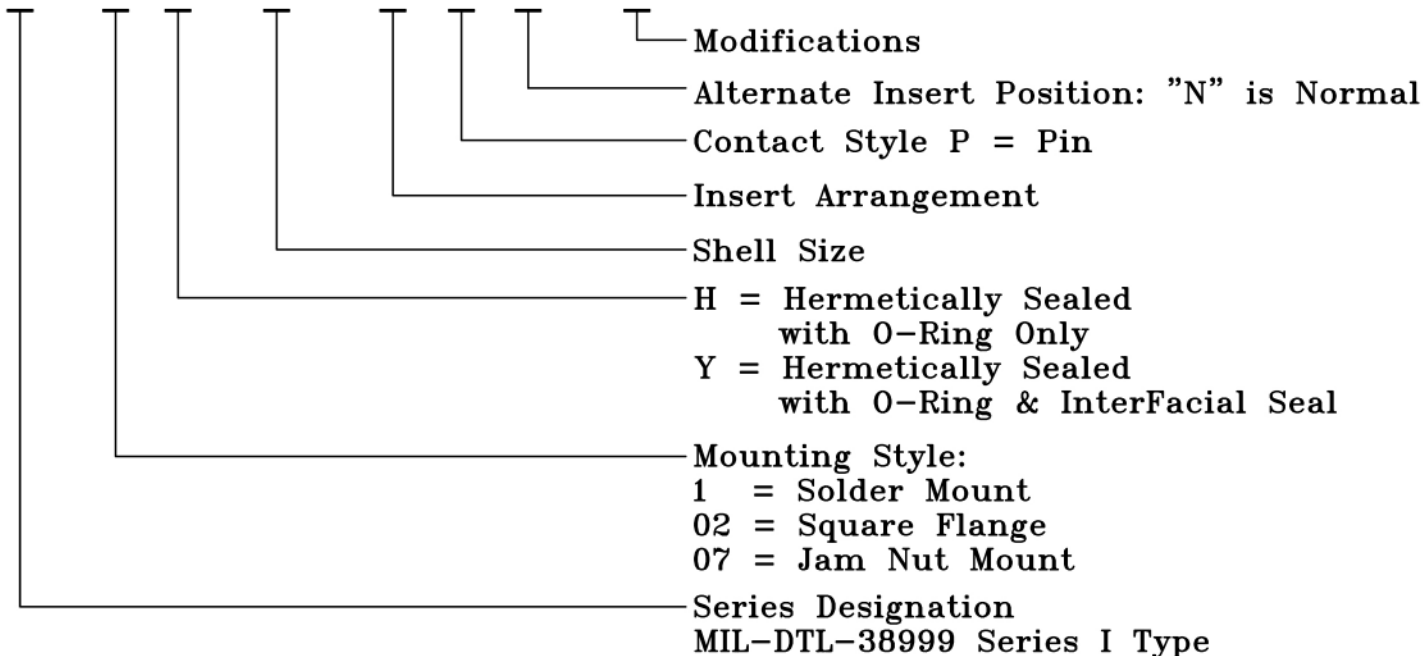
TELE: (626) 579-7130 FAX: (626) 579-1936

www.detoronics.com

MIL-DTL-38999 SERIES I TYPE, DJL SERIES
(COMMERCIAL EQUAL - HERMETIC)

PART NUMBERING SYSTEM

DJLT 1 H - 23 - 55 P N - ***



GENERAL SPECIFICATIONS

MATERIAL

Shell, Bayonet and Flange: Carbon Steel
Pins: 52 Nickel Alloy
Seals: Silicone O-Ring Only
Insulator: Glass

CURRENT RATING

Size 22: 3 AMPS
Size 20: 5 AMPS
Size 16: 10 AMPS

AIR LEAKAGE

1×10^{-7} CM³/SEC AT 15psi

INSULATION RESISTANCE

5,000 megohms AT 500VDC

OPERATING TEMPERATURE

39°F TO +201°F (4°C TO +90°C)

STANDARD PIN IS SOLDER CUP TYPE. OTHER PIN TYPES ALSO AVAILABLE
(EYELET, STRAIGHT) - CONSULT FACTORY.

STANDARD FINISH IS TIN PLATED SHELL AND PINS.
OTHER FINISHES ALSO AVAILABLE (GOLD, NICKEL, OLIVE DRAB, etc.) - CONSULT FACTORY.

SPECIALS CAN BE SUPPLIED TO MEET CUSTOMER SPECIFICATIONS - CONSULT FACTORY.

OUR CONNECTORS MATE WITH ANY PLUG WITH SOCKET CONTACTS WHICH MEET THE DIMENSIONAL
REQUIREMENTS OF MIL-DTL-38999 AND MS27467.

Detoronics Corporation

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MINIATURE HERMETIC ELECTRONIC CONNECTORS-DJLTH SERIES

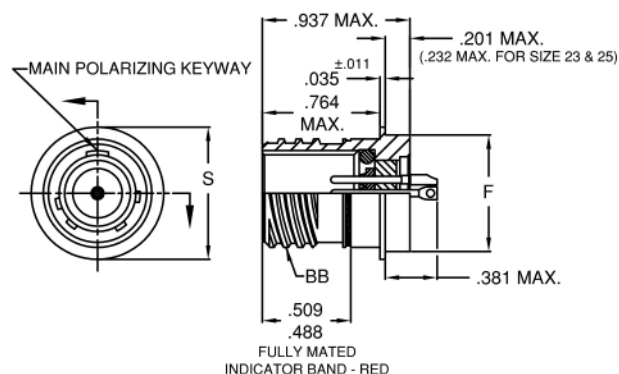
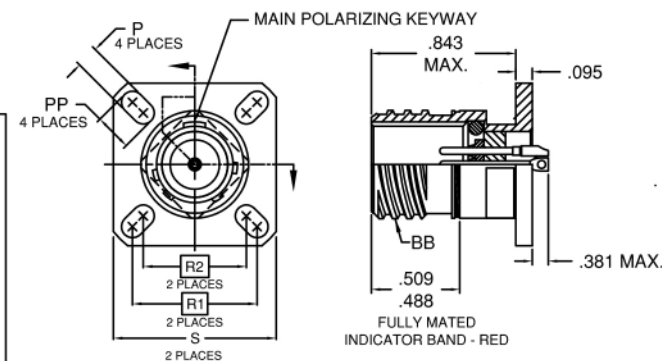
MIL-DTL-38999 SERIES III, COMMERCIAL EQUAL HERMETIC GLASS-TO-METAL SEALED (VACUUM / PRESSURE FEED THRU)

DJLTH21 BOX MOUNT FLANGE CONNECTORS (MIL-DTL-38999/21 TYPE)

PART NO.	P ±.007	PP ±.007	R1	R2	S ±.011	BB † THREAD
DJLTH21-*-9-*PN	.128 IN. 3.25 MM	.216 IN. 5.49 MM	.719 IN. 18.26 MM	.594 IN. 15.09 MM	.937 IN. 23.8 MM	.6250-1-.3-2A
DJLTH21-*-11-*PN	.128 IN. 3.25 MM	.194 IN. 4.93 MM	.812 IN. 20.62 MM	.719 IN. 18.26 MM	1.031 IN. 26.2 MM	.7500-1-.3-2A
DJLTH21-*-13-*PN	.128 IN. 3.25 MM	.194 IN. 4.93 MM	.906 IN. 23.01 MM	.812 IN. 20.62 MM	1.126 IN. 28.6 MM	.8750-1-.3-2A
DJLTH21-*-15-*PN	.128 IN. 3.25 MM	.194 IN. 4.93 MM	.969 IN. 24.61 MM	.906 IN. 23.01 MM	1.220 IN. 31.0 MM	1.000-1-.3-2A
DJLTH21-*-17-*PN	.128 IN. 3.25 MM	.194 IN. 4.93 MM	1.062 IN. 26.97 MM	.969 IN. 24.61 MM	1.311 IN. 33.3 MM	1.1875-1-.3-2A
DJLTH21-*-19-*PN	.128 IN. 3.25 MM	.194 IN. 4.93 MM	1.156 IN. 29.36 MM	1.062 IN. 26.97 MM	1.437 IN. 36.5 MM	1.2500-1-.3-2A
DJLTH21-*-21-*PN	.128 IN. 3.25 MM	.194 IN. 4.93 MM	1.250 IN. 31.75 MM	1.156 IN. 29.36 MM	1.563 IN. 39.7 MM	1.3750-1-.3-2A
DJLTH21-*-23-*PN	.154 IN. 3.91 MM	.242 IN. 6.15 MM	1.375 IN. 34.93 MM	1.250 IN. 31.75 MM	1.689 IN. 42.9 MM	1.5000-1-.3-2A
DJLTH21-*-25-*PN	.154 IN. 3.91 MM	.242 IN. 6.15 MM	1.500 IN. 38.10 MM	1.375 IN. 34.93 MM	1.811 IN. 46.0 MM	1.6250-1-.3-2A

DJLTH25 SOLDER MOUNT CONNECTORS (MIL-DTL-38999/25 TYPE)

PART NO.	F MAX.	S MAX.	BB † THREAD
DJLTH25-*-9-*PN	.673 IN. 17.1 MM	.764 IN. 19.4 MM	.6250-1-.3-2A
DJLTH25-*-11-*PN	.783 IN. 19.9 MM	.858 IN. 21.8 MM	.7500-1-.3-2A
DJLTH25-*-13-*PN	.909 IN. 23.1 MM	.980 IN. 24.9 MM	.8750-1-.3-2A
DJLTH25-*-15-*PN	1.031 IN. 26.2 MM	1.106 IN. 28.1 MM	1.000-1-.3-2A
DJLTH25-*-17-*PN	1.157 IN. 29.4 MM	1.232 IN. 31.3 MM	1.1875-1-.3-2A
DJLTH25-*-19-*PN	1.252 IN. 31.8 MM	1.323 IN. 33.6 MM	1.2500-1-.3-2A
DJLTH25-*-21-*PN	1.378 IN. 35.0 MM	1.449 IN. 36.8 MM	1.3750-1-.3-2A
DJLTH25-*-23-*PN	1.504 IN. 38.2 MM	1.575 IN. 40.0 MM	1.5000-1-.3-2A
DJLTH25-*-25-*PN	1.626 IN. 41.3 MM	1.701 IN. 43.2 MM	1.6250-1-.3-2A



*- : Z1= CRES SHELL, PASSIVATED; Z2= CRES SHELL, ELECTRODEPOSITED NICKEL; Z3= CRES SHELL, CADMIUM WITH OLIVE DRAB.

*PN: ADD DESIRED INSERT ARRANGEMENT, CONTACT STYLE P (OR X AND C), AND MAIN KEY / KEYWAY POLARIZATION N (OR A,B,C,D AND E).

† AFTER PLATING, SUBJECT TO ACCEPTANCE USING A BASIC CLASS 3A GO GAGE.

MATERIAL: SHELL 303,304, 316 TYPE CRES; PINS 52 NICKEL ALLOY, ELASTOMER INTERFACIAL SEAL AND O-RING.

STANDARD CONTACT IS SOLDER CUP, EYELET, AND FEEDTHROUGH.

STANDARD CONTACT FINISH IS GOLD PLATED.

OUR CONNECTORS MEET THE DIMENSIONAL REQUIREMENTS OF MIL-DTL-38999 AND MATE WITH ANY PLUG WITH SOCKET CONTACTS OF MIL-DTL-38999 /26.

SPECIAL SHELL, CONTACTS, AND FINISH (HEAVY GOLD, RHODIUM, OLIVE DRAB, etc.) CAN BE SUPPLIED TO MEET CUSTOMER SPECIFICATIONS - CONSULT FACTORY.

GENERAL SPECIFICATIONS

AIR LEAKAGE: 1×10^{-7} CM³/SEC AT 15psi

INSULATION RESISTANCE: 5,000 megohms AT 500VDC

OPERATING TEMPERATURE: -85°F TO +392°F (-65°C TO +200°C)

Detoronics Corporation

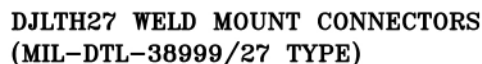
13071 ROSECRANS AVE, SANTA FE SPRINGS, CA 90670

TELE: (626) 579-7130 FAX: (626) 579-1936

www.detoronics.com

MIL-DTL-38999 SERIES III TYPE, COMMERCIAL EQUAL
HERMETIC GLASS-TO-METAL SEALED
(VACUUM / PRESSURE FEED THRUS)

**DJLTH23 JAM-NUT MOUNT CONNECTORS
(MIL-DTL-38999/23 TYPE)**



MAX. .126
(.157 FOR SIZE 23 & 25)

MAIN POLARIZING KEYWAY

+.011
-.000

.039

+.011
-.000

.059

T

S

BB

.509
.488

.381 MAX.

FULLY MATED
INDICATOR BAND - RED

Detorionics Corporation
13071 ROSECRANS AVE, SANTA FE SPRINGS, CA 90670
TELE: (626) 579-7130 FAX: (626) 579-1936
www.detorionics.com

MIL-DTL-38999 SERIES III TYPE, DJLTH SERIES
(COMMERCIAL EQUAL HERMETIC GLASS-TO-METAL SEALED)

PART NUMBERING SYSTEM

DJLTH * * - * - * * * - ***

Modifications (Deviation from Standard).

Keyway Polarization: N, A, B, C, D, or E.

Contact Style

P = Solder Cup Pins

X = Eyelet Pins

C = Feedthrough

Insert Arrangement

Shell Size

Z1 = Corrosion Resistant Steel, Passivated

Z2 = Corrosion Resistant Steel, Electrodeposited Nickel

Z3 = Corrosion Resistant Steel, Cadmium With Olive Drab

Mounting Types:

21 = Box Mount Flange

23 = Jam-Nut Mount

25 = Solder Mount

27 = Weld Mount

MIL-DTL-38999 Series III

CLASS H AND Y, Hermetically Sealed

GENERAL SPECIFICATIONS:

MATERIAL

Shell and Jam-Nut: 303, 304, 316 Type Stainless Steel
Pins: 52 Nickel Alloy
Seals: Elastomer Interfacial Seal and O-Ring
Insulator: Glass

CURRENT RATING

Contact Size 22: 3 AMPS

Contact Size 20: 5 AMPS

Contact Size 16: 10 AMPS

AIR LEAKAGE:

1×10^{-7} CM³/SEC AT 15psi

INSULATION RESISTANCE:

5,000 megohms AT 500VDC

OPERATING TEMPERATURE:

-85°F TO +392°F (-65°C TO +200°C)

STANDARD CONTACT FINISH IS GOLD PLATED.

OUR CONNECTORS MEET THE DIMENSIONAL REQUIREMENTS OF MIL-DTL-38999 AND MATE WITH ANY PLUG WITH SOCKET CONTACTS OF MIL-DTL-38999/26.

MODIFICATIONS:

SPECIAL SHELL, CONTACTS, AND FINISH (HEAVY GOLD, ROHDIUM, OLIVE DRAB, etc) CAN BE SUPPLIED TO MEET CUSTOMER SPECIFICATIONS - CONSULT FACTORY.

Detoronics Corporation

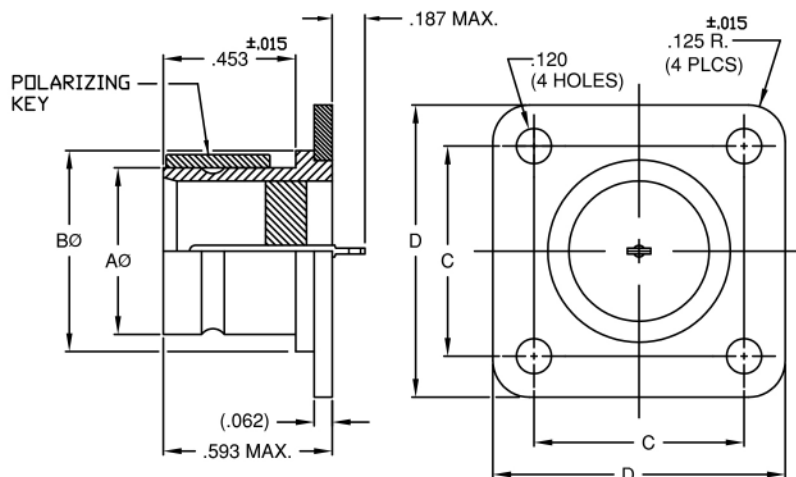
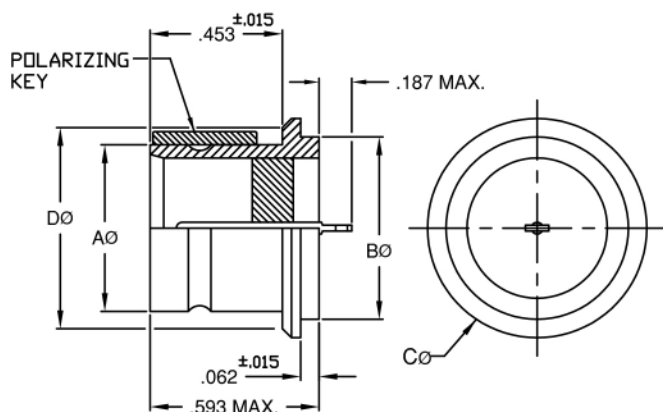
13071 ROSECRAWS AVE, SANTA FE SPRINGS, CA 90670

TELE: (626) 579-7130 FAX: (626) 579-1936

www.detoronics.com

MINIATURE HERMETIC ELECTRONIC CONNECTORS-DPP SERIES

MIL-C-81703 TYPE, COMMERCIAL EQUAL HERMETIC GLASS-TO-METAL SEALED (VACUUM / PRESSURE FEED THRU'S)



PART NO.	AØ ±.004	BØ +.000 -.004	CØ ±.015	DØ ±.015
DPPH00-3-50PN	.435	.500	.593	.531
DPPH00-7-50PN	.570	.625	.750	.687
DPPH00-12-50PN	.705	.749	.875	.812
DPPH00-19-50PN	.844	.875	1.000	.937

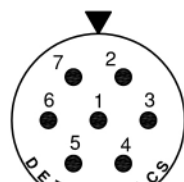
**DPPH00- SOLDER MOUNT CONNECTOR
(MS3134 CLASS H, STYLE P)**

PART NO.	AØ ±.004	BØ ±.010	C ±.005	D ±.015
DPPH06-3-50PN	.435	.531	.625	.875
DPPH06-7-50PN	.570	.672	.719	1.000
DPPH06-12-50PN	.705	.812	.812	1.093
DPPH06-19-50PN	.844	.937	.906	1.187

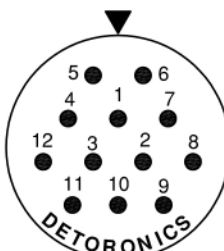
**DPPH06- SQUARE FLANGE MOUNT CONNECTOR
(MS3132 CLASS H, STYLE P)**



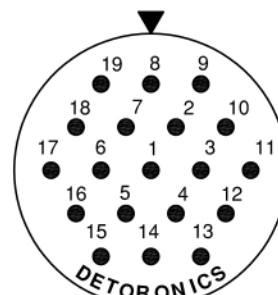
3-50P



7-50P



12-50P



19-50P

ENGAGING FACE PIN INSERTS

▼ = INSERT ARRANGEMENT IS SHOWN IN NORMAL POSITION.

OTHER SHELL SIZES, PIN PATTERNS AND INSERT POSITIONS MAY BE AVAILABLE - CONSULT FACTORY.

MATERIAL: STANDARD IS CRS SHELL, 52 NICKEL ALLOY PINS AND NO INTERFACIAL SEAL.

STANDARD PIN IS EYELET TYPE. OTHER PIN TYPES ALSO AVAILABLE (SOLDER CUP, STRAIGHT) - CONSULT FACTORY.

STANDARD FINISH IS TIN PLATED SHELL AND PINS.

OTHER FINISHES ALSO AVAILABLE (GOLD, NICKEL, OLIVE DRAB, etc.) - CONSULT FACTORY.

SPECIALS CAN BE SUPPLIED TO MEET CUSTOMER SPECIFICATIONS - CONSULT FACTORY.

OUR CONNECTORS MATE WITH ANY PLUG WITH SOCKET CONTACTS WHICH MEET THE DIMENSIONAL REQUIREMENTS OF MIL-C-81703 AND MS3137.

GENERAL SPECIFICATIONS

AIR LEAKAGE: 1x10⁻⁶ CM³/SEC AT 15psi

INSULATION RESISTANCE: 5,000 megohms AT 500VDC

OPERATING TEMPERATURE: -67°F TO +257°F (-55°C TO 125°C)

Detronics Corporation

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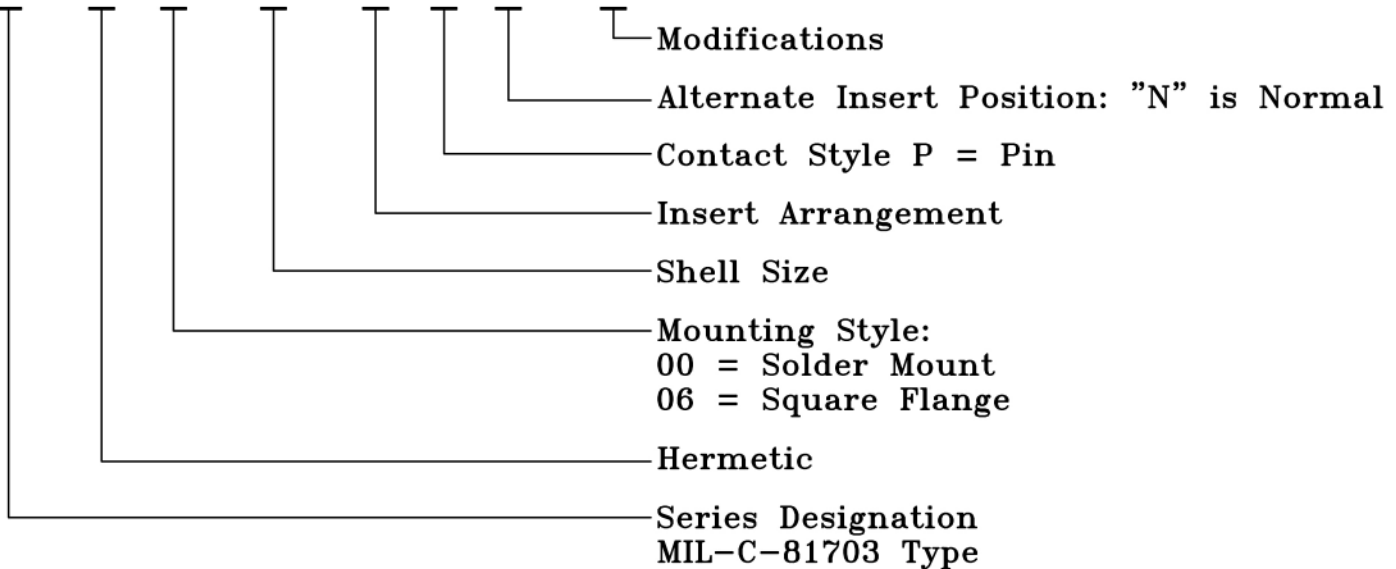
TELE: (626) 579-7130 FAX: (626) 579-1936

www.detronics.com

MIL-C-81703 TYPE, DPP SERIES
(COMMERCIAL EQUAL - HERMETIC)

PART NUMBERING SYSTEM

DPP H 00 - 7 - 50 P N - ***



GENERAL SPECIFICATIONS

MATERIAL

Shell, Key and Flange: Carbon Steel
Pins: 52 Nickel Alloy
Seals: None
Insulator: Glass

CURRENT RATING

Size 20: 5 AMPS

AIR LEAKAGE

1x10⁻⁶ CM³/SEC AT 15psi

INSULATION RESISTANCE

5,000 megohms AT 500VDC

OPERATING TEMPERATURE

-67°F TO +257°F (-55°C TO +125°C)

STANDARD PIN IS EYELET TYPE. OTHER PIN TYPES ALSO AVAILABLE
(SOLDER CUP, STRAIGHT) - CONSULT FACTORY.

STANDARD FINISH IS TIN PLATED SHELL AND PINS.
OTHER FINISHES ALSO AVAILABLE (GOLD, NICKEL, OLIVE DRAB, etc.) - CONSULT FACTORY.

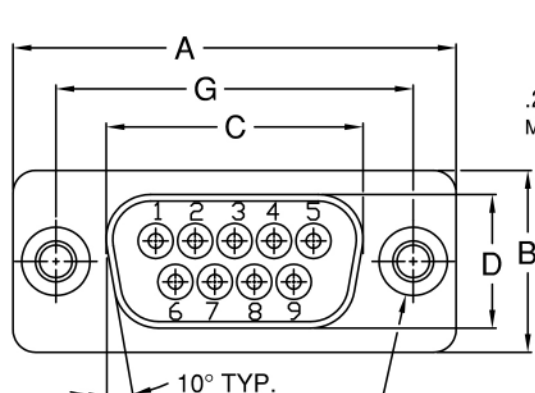
SPECIALS CAN BE SUPPLIED TO MEET CUSTOMER SPECIFICATIONS - CONSULT FACTORY.

OUR CONNECTORS MATE WITH ANY PLUG WITH SOCKET CONTACTS WHICH MEET
THE DIMENSIONAL REQUIREMENTS OF MIL-C-81703 AND MS3137.

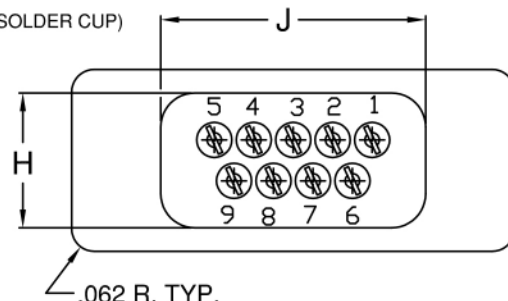
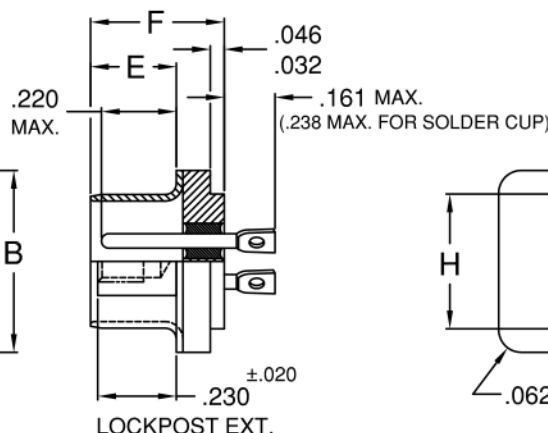
Detoronics Corporation
13071 ROSECRANS AVE, SANTA FE SPRINGS, CA 90670
TELE: (626) 579-7130 FAX: (626) 579-1936
www.detoronics.com

MINIATURE HERMETIC ELECTRONIC CONNECTORS-DRH SERIES

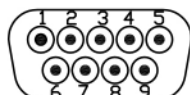
MIL-DTL-24308 TYPE D-SUB, COMMERCIAL EQUAL
HERMETIC GLASS-TO-METAL SEALED
(VACUUM / PRESSURE FEED THRUS)



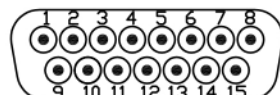
BLANK, .120 DIA. THRU,
OR LOCKPOST #4-40 UNC-2B
WITH OUTSIDE DIA .187±.005



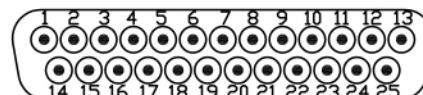
PART NO.	A	B	C	D	E	F	G	H	J
	±.015	±.010	±.010	±.010	±.010	±.020	±.005	±.010	±.010
DRH1-9P-*	1.213	.498	.703	.366	.235	.367	.984	.369	.725
DRH2-15P-*	1.541	.498	1.029	.366	.235	.367	1.312	.369	.932
DRH3-25P-*	2.088	.498	1.571	.366	.230	.362	1.852	.369	1.479
DRH4-37P-*	2.729	.498	2.219	.366	.230	.362	2.500	.369	2.125
DRH5-50P-*	2.635	.610	2.115	.477	.230	.362	2.406	.500	2.000



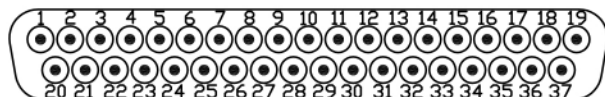
9 PINS, SHELL SIZE 1



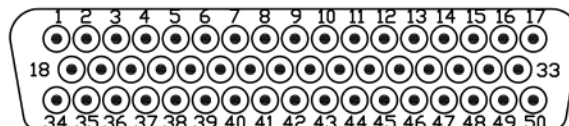
15 PINS, SHELL SIZE 2



25 PINS, SHELL SIZE 3



37 PINS, SHELL SIZE 4



50 PINS, SHELL SIZE 5

ENGAGING FACE PIN INSERTS

*ADD SUFFIX NUMBER FOR MODIFICATION (THRU HOLES, LOCKPOSTS, PLATING, PIN TYPE) - CONSULT FACTORY.

MATERIAL: STANDARD IS CRS SHELL AND 52 NICKEL ALLOY PINS.

STANDARD PIN IS EYELET TYPE. OTHER PIN TYPES ALSO AVAILABLE (SOLDER CUP, STRAIGHT) - CONSULT FACTORY.

STANDARD FINISH IS TIN PLATED SHELL AND PINS.

OTHER FINISHES ALSO AVAILABLE (GOLD, NICKEL, etc.) - CONSULT FACTORY.

SPECIALS CAN BE SUPPLIED TO MEET CUSTOMER SPECIFICATIONS - CONSULT FACTORY.

OUR CONNECTORS MATE WITH ANY PLUG WITH SOCKET CONTACTS WHICH MEET THE DIMENSIONAL REQUIREMENTS OF MIL-DTL-24308

GENERAL SPECIFICATIONS

AIR LEAKAGE: 1.04×10^{-5} CM³/SEC AT 15psi

INSULATION RESISTANCE: 5,000 megohms AT 500VDC

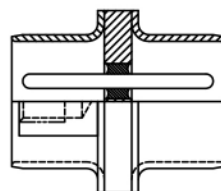
OPERATING TEMPERATURE: -67°F TO +257°F (-55°C TO +125°C)

CURRENT RATING: 5 AMPS

ALSO AVAILABLE
THRU BULKHEAD
DRTBH SERIES

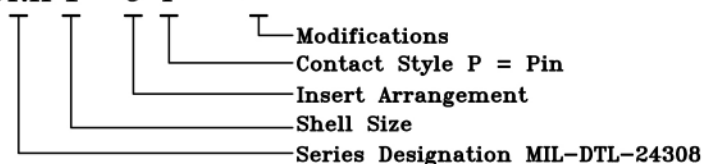
STANDARD
LOCKPOSTS
THRU HOLES

CONSULT FACTORY



PART NUMBERING SYSTEM

DRH 1 - 9 P - ***



Detronics Corporation

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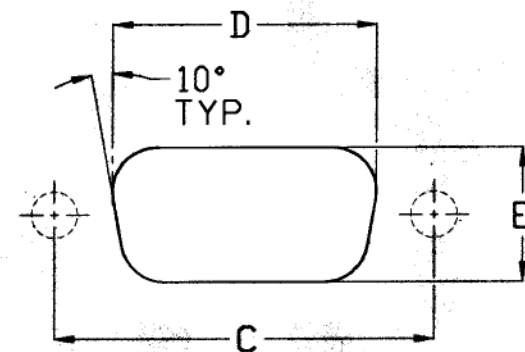
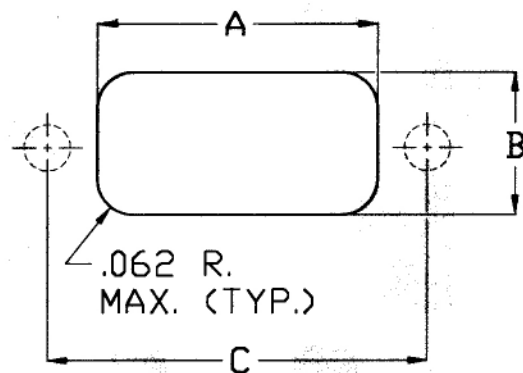
TELE: (626) 579-7130 FAX: (626) 579-1936

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PANEL CUT OUT FOR D-SUB SERIES

PART NO.	A MIN.	B MIN.	C ±.005	D MIN.	E MIN.
DRH1-9P-*	.735	.379	.984	.794	.457
DRH2-15P-*	.942	.379	1.312	1.120	.457
DRH3-25P-*	1.489	.379	1.852	1.682	.477
DRH4-37P-*	2.135	.379	2.500	2.330	.477
DRH5-50P-*	2.010	.510	2.406	2.226	.583

PART NO.	C ±.005	D MIN.	E MIN.
DRTBH1-9P-*	.984	.794	.457
DRTBH2-15P-*	1.312	1.120	.457
DRTBH3-25P-*	1.852	1.682	.477
DRTBH4-37P-*	2.500	2.330	.477
DRTBH5-50P-*	2.406	2.226	.583



www.detoronics.com

Detoronics Corporation

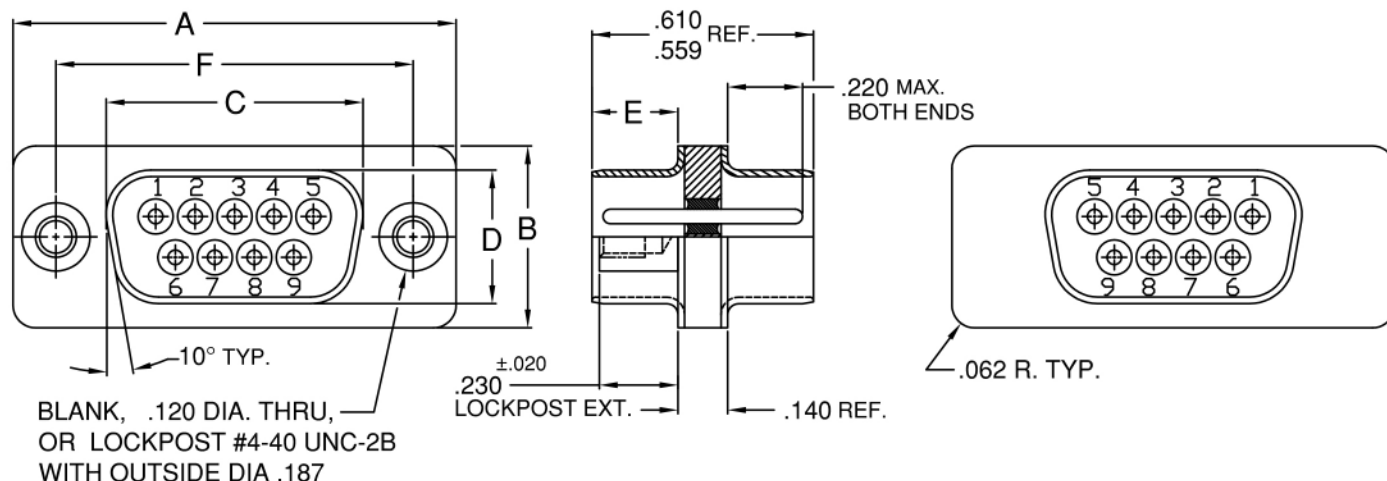
13071 ROSECRAWS AVE, SANTA FE SPRINGS, CA 90670

TELE: (626) 579-7130 FAX: (626) 579-1936

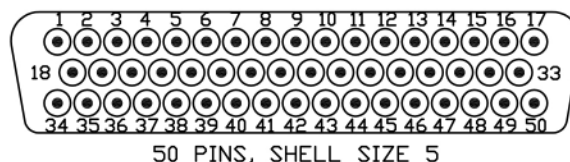
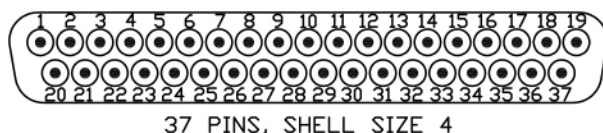
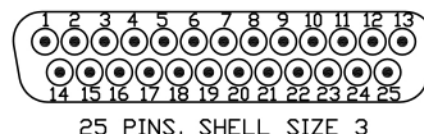
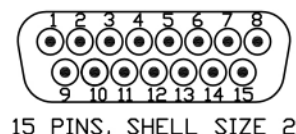
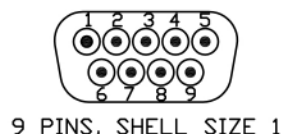
**D-SUB STANDARD
MIL-C-24308 TYPE**

MINIATURE HERMETIC ELECTRONIC CONNECTORS—DRTBH SERIES

MIL-DTL-24308 TYPE D-SUB THRU BULKHEAD, COMMERCIAL EQUAL
HERMETIC GLASS-TO-METAL SEALED
(VACUUM / PRESSURE FEED THRUS)



PART NO.	A	B	C	D	E	F
DRTBH1-9P-*	±.015	±.010	±.010	±.010	±.010	±.005
DRTBH2-15P-*	1.213	.498	.703	.366	.235	.984
DRTBH3-25P-*	1.541	.498	1.029	.366	.235	1.312
DRTBH4-37P-*	2.088	.498	1.571	.366	.230	1.852
DRTBH5-50P-*	2.729	.498	2.219	.366	.230	2.500
DRTBH5-50P-*	2.635	.610	2.115	.477	.230	2.406



ENGAGING FACE PIN INSERTS

*ADD SUFFIX NUMBER FOR MODIFICATION (THRU HOLES, LOCKPOSTS, PLATING) - CONSULT FACTORY.

MATERIAL: STANDARD IS CRS SHELL AND 52 NICKEL ALLOY PINS.

STANDARD FINISH IS TIN PLATED SHELL AND PINS.

OTHER FINISHES ALSO AVAILABLE (GOLD, NICKEL, etc.) - CONSULT FACTORY.

SPECIALS CAN BE SUPPLIED TO MEET CUSTOMER SPECIFICATIONS - CONSULT FACTORY.

OUR CONNECTORS MATE WITH ANY PLUG WITH SOCKET CONTACTS WHICH MEET THE DIMENSIONAL REQUIREMENTS OF MIL-DTL-24308

GENERAL SPECIFICATIONS

AIR LEAKAGE: 1.04×10^{-5} CM³/SEC AT 15psi

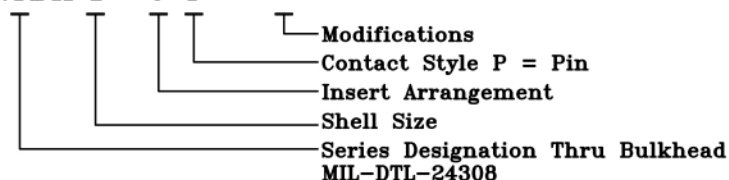
INSULATION RESISTANCE: 5,000 megohms AT 500VDC

OPERATING TEMPERATURE: -67°F TO +257°F (-55°C TO +125°C)

CURRENT RATING: 5 AMPS

PART NUMBERING SYSTEM

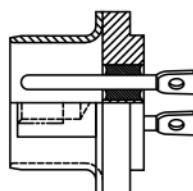
DRTBH 1 - 9 P - ***



ALSO AVAILABLE D-SUB
DRH SERIES

STANDARD
LOCKPOSTS
THRU HOLES

CONSULT FACTORY



Detronics Corporation

13071 ROSECRAINS AVE, SANTA FE SPRINGS, CA 90670

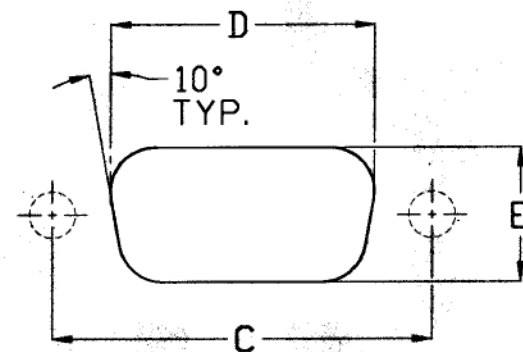
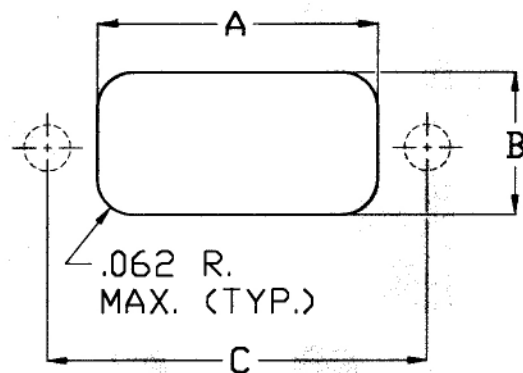
TELE: (626) 579-7130 FAX: (626) 579-1936

www.detronics.com

PANEL CUT OUT FOR D-SUB SERIES

PART NO.	A MIN.	B MIN.	C ±.005	D MIN.	E MIN.
DRH1-9P-*	.735	.379	.984	.794	.457
DRH2-15P-*	.942	.379	1.312	1.120	.457
DRH3-25P-*	1.489	.379	1.852	1.682	.477
DRH4-37P-*	2.135	.379	2.500	2.330	.477
DRH5-50P-*	2.010	.510	2.406	2.226	.583

PART NO.	C ±.005	D MIN.	E MIN.
DRTBH1-9P-*	.984	.794	.457
DRTBH2-15P-*	1.312	1.120	.457
DRTBH3-25P-*	1.852	1.682	.477
DRTBH4-37P-*	2.500	2.330	.477
DRTBH5-50P-*	2.406	2.226	.583



www.detoronics.com

Detoronics Corporation

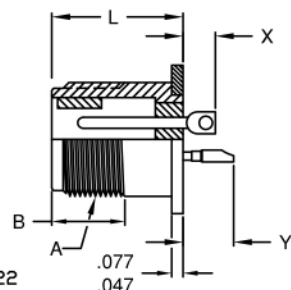
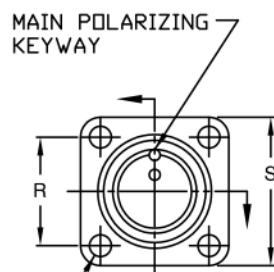
13071 ROSECRANS AVE, SANTA FE SPRINGS, CA 90670

TELE: (626) 579-7130 FAX: (626) 579-1936

**D-SUB STANDARD
MIL-C-24308 TYPE**

MINIATURE HERMETIC ELECTRONIC CONNECTORS-DS SERIES

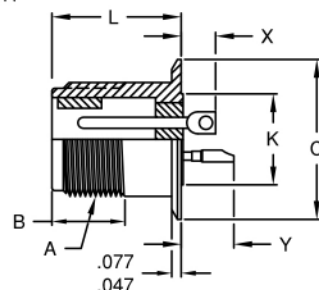
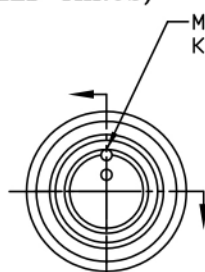
MIL-DTL-5015 TYPE, COMMERCIAL EQUAL HERMETIC GLASS-TO-METAL SEALED (VACUUM / PRESSURE FEED THRS)



4 HOLES
.120 $\pm$.005 - SHELL SIZES 8 THRU 22
.147 $\pm$.005 - SHELL SIZE 28

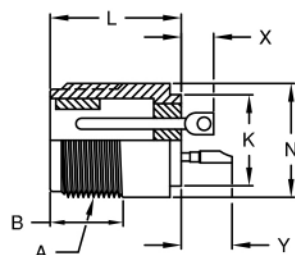
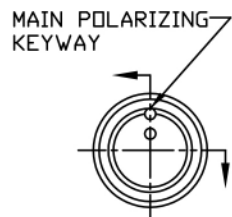
DS02H - 111 SQUARE FLANGE MOUNT CONNECTORS (MS3142 CLASS H TYPE)

PART NO.	S $\pm$.031	R T.P. C-C	L MAX.	B MIN. THD.	A THREAD CLASS-2A †
DS02H-10SL-* -111	1.000	.719	.730	.375	.625-24 UNEF
DS02H-12S-* -111	1.094	.812	.730	.375	.750-20 UNEF
DS02H-14S-* -111	1.188	.906	.730	.375	.875-20 UNEF
DS02H-16S-* -111	1.281	.969	.730	.375	1.000-20 UNEF
DS02H-18-* -111	1.375	1.062	.915	.625	1.125-18 UNEF
DS02H-20-* -111	1.500	1.156	.915	.625	1.250-18 UNEF
DS02H-22-* -111	1.625	1.250	.915	.625	1.375-18 UNEF
DS02H-28-* -111	2.000	1.562	.915	.625	1.750-18 UNS
CONTACT SIZE 16		X MAX. .219		Y MAX. .375	



DS02H - 251 ROUND FLANGE MOUNT CONNECTORS (MIS3143 CLASS H TYPE)

PART NO.	K $\pm$.010	C $\pm$.010	L MAX.	B MIN. THD.	A THREAD CLASS-2A †
DS02H-10SL-* -251	.490	.875	.730	.375	.625-24 UNEF
DS02H-12S-* -251	.646	1.000	.730	.375	.750-20 UNEF
DS02H-14S-* -251	.709	1.125	.730	.375	.875-20 UNEF
DS02H-16S-* -251	.834	1.250	.730	.375	1.000-20 UNEF
DS02H-18-* -251	.959	1.375	.915	.625	1.125-18 UNEF
DS02H-20-* -251	1.146	1.500	.915	.625	1.250-18 UNEF
DS02H-22-* -251	1.240	1.625	.915	.625	1.375-18 UNEF
DS02H-28-* -251	1.615	2.000	.915	.625	1.750-18 UNS
CONTACT SIZE 16		X MAX. .219		Y MAX. .375	



DS02H - 001 FLANGELESS MOUNT CONNECTORS

PART NO.	K $\pm$.010	N +.000 -.062	L MAX.	B MIN. THD.	A THREAD CLASS-2A †
DS02H-10SL-* -001	.490	.656	.730	.375	.625-24 UNEF
DS02H-12S-* -001	.646	.782	.730	.375	.750-20 UNEF
DS02H-14S-* -001	.709	.906	.730	.375	.875-20 UNEF
DS02H-16S-* -001	.834	1.032	.730	.375	1.000-20 UNEF
DS02H-18-* -001	.959	1.156	.915	.625	1.125-18 UNEF
DS02H-20-* -001	1.146	1.282	.915	.625	1.250-18 UNEF
DS02H-22-* -001	1.240	1.406	.915	.625	1.375-18 UNEF
DS02H-28-* -001	1.615	1.782	.915	.625	1.750-18 UNS
CONTACT SIZE 16		X MAX. .219		Y MAX. .375	

* ADD DESIRED INSERT ARRANGEMENT.

▼ INSERT ARRANGEMENT IS SHOWN IN NORMAL POSITION.

† AFTER PLATING, SUBJECT TO ACCEPTANCE USING A BASIC CLASS 3A GO GAGE.

OTHER SHELL SIZES, PIN PATTERNS AND INSERT POSITIONS MAY BE AVAILABLE - CONSULT FACTORY.

MATERIAL: STANDARD IS CRS SHELL, 52 NICKEL ALLOY PINS AND NO INTERFACIAL SEAL.

STANDARD PIN IS EYELET TYPE. OTHER PIN TYPES ALSO AVAILABLE

(SOLDER CUP, STRAIGHT, THERMOCOUPLE) - CONSULT FACTORY.

STANDARD FINISH IS TIN PLATED SHELL AND PINS.

OTHER FINISHES ALSO AVAILABLE (GOLD, NICKEL, OLIVE DRAB, etc.) - CONSULT FACTORY.

SPECIALS CAN BE SUPPLIED TO MEET CUSTOMER SPECIFICATIONS - CONSULT FACTORY.

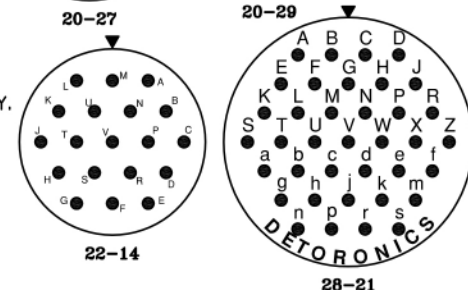
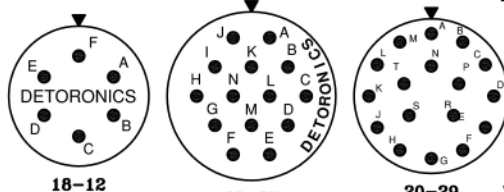
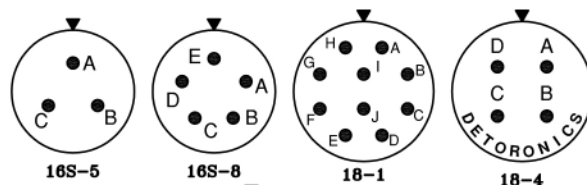
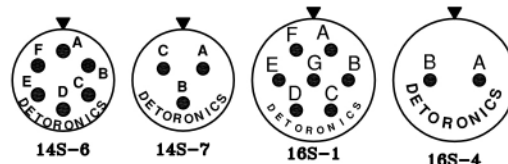
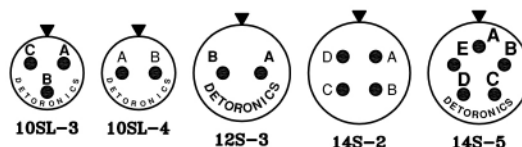
OUR CONNECTORS MATE WITH ANY PLUG WITH SOCKET CONTACTS WHICH MEET THE DIMENSIONAL REQUIREMENTS OF MIL-DTL-5015 AND MS3106.

GENERAL SPECIFICATIONS

AIR LEAKAGE: 1x10⁻⁶ CM³/SEC AT 15psi

INSULATION RESISTANCE: 5,000 megohms AT 500VDC

OPERATING TEMPERATURE: -67°F TO +347°F (-55°C TO +175°C)



ENGAGING FACE PIN INSERTS

Detoronic Corporation

13071 ROSECRANS AVE, SANTA FE SPRINGS, CA 90670

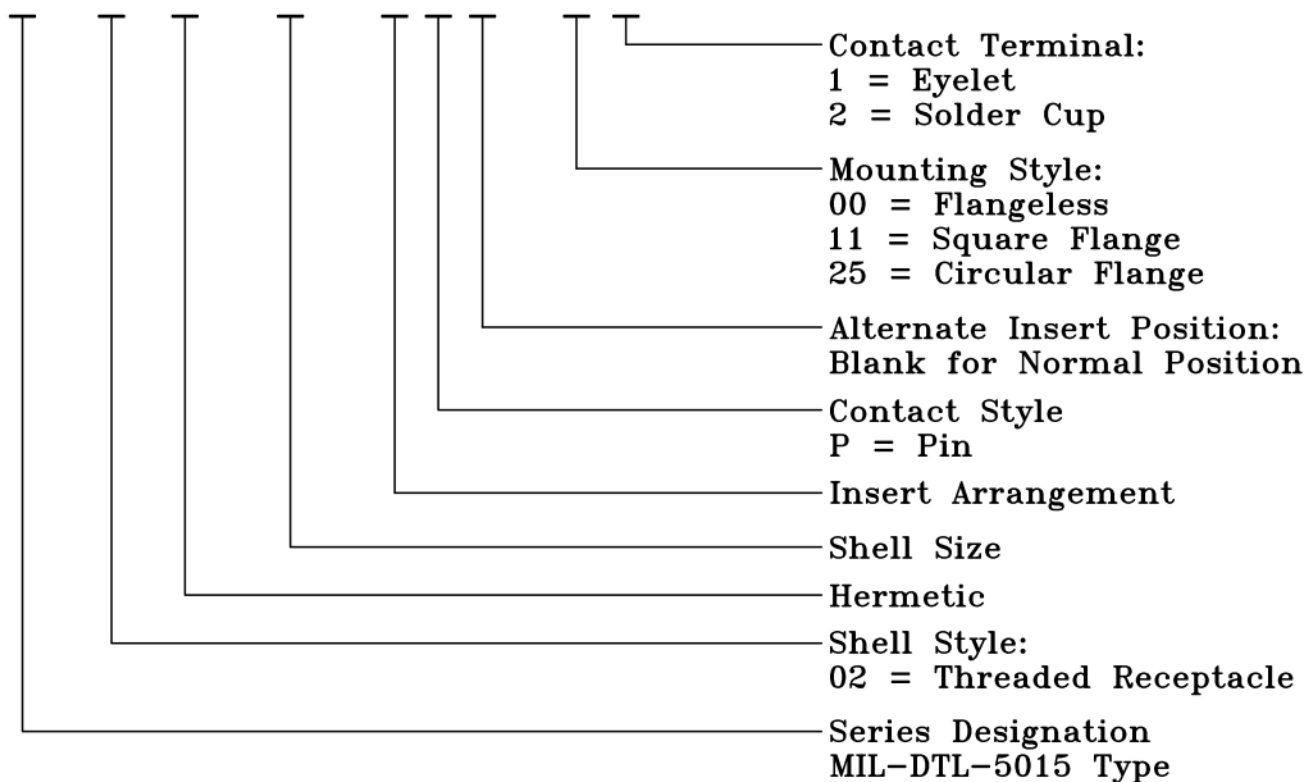
TELE: (626) 579-7130 FAX: (626) 579-1936

www.detoronic.com

MIL-DTL-5015 TYPE, DS SERIES
(COMMERCIAL EQUAL - HERMETIC)

PART NUMBERING SYSTEM

DS 02 H-16S-1 P*-111



GENERAL SPECIFICATIONS

MATERIAL

Shell, Key and Flange: Carbon Steel
Pins: 52 Nickel Alloy
Seals: None
Insulator: Glass

CURRENT RATING

Size 20: 5 AMPS
Size 16: 10 AMPS

AIR LEAKAGE

1x10⁻⁶ CM³/SEC AT 15psi

INSULATION RESISTANCE

5,000 megohms AT 500VDC

OPERATING TEMPERATURE

-67°F TO +347°F (-55°C TO +175°C)

STANDARD PIN IS EYELET TYPE. OTHER PIN TYPES ALSO AVAILABLE
(SOLDER CUP, STRAIGHT, THERMOCOUPLE) - CONSULT FACTORY.

STANDARD FINISH IS TIN PLATED SHELL AND PINS.
OTHER FINISHES ALSO AVAILABLE (GOLD, NICKEL, OLIVE DRAB, etc.) - CONSULT FACTORY.

SPECIALS CAN BE SUPPLIED TO MEET CUSTOMER SPECIFICATIONS - CONSULT FACTORY.

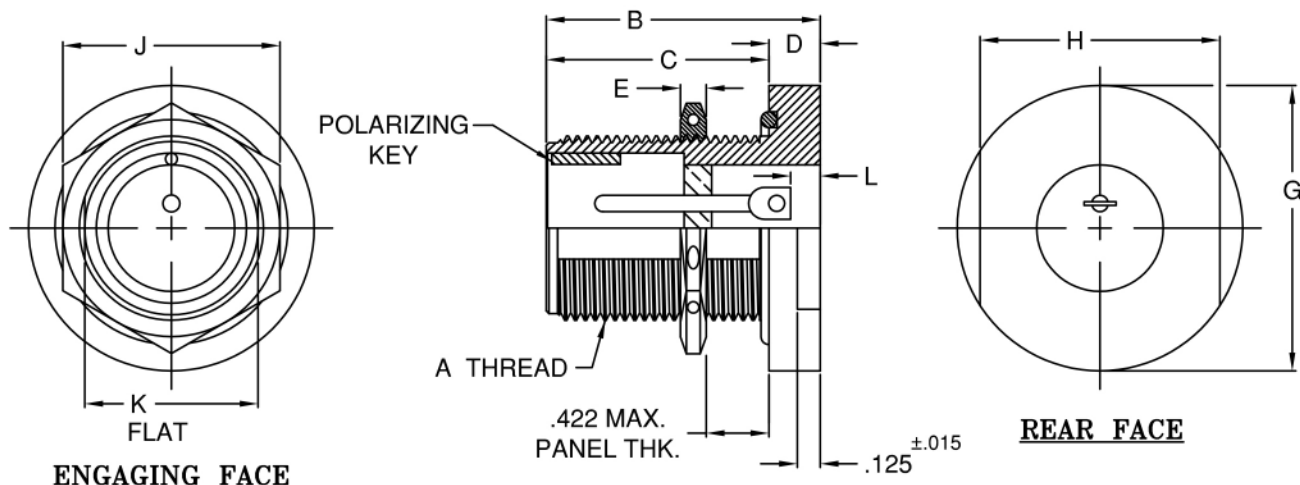
OUR CONNECTORS MATE WITH ANY PLUG WITH SOCKET CONTACTS WHICH MEET
THE DIMENSIONAL REQUIREMENTS OF MIL-DTL-5015 AND MS3106.

Detoronics Corporation

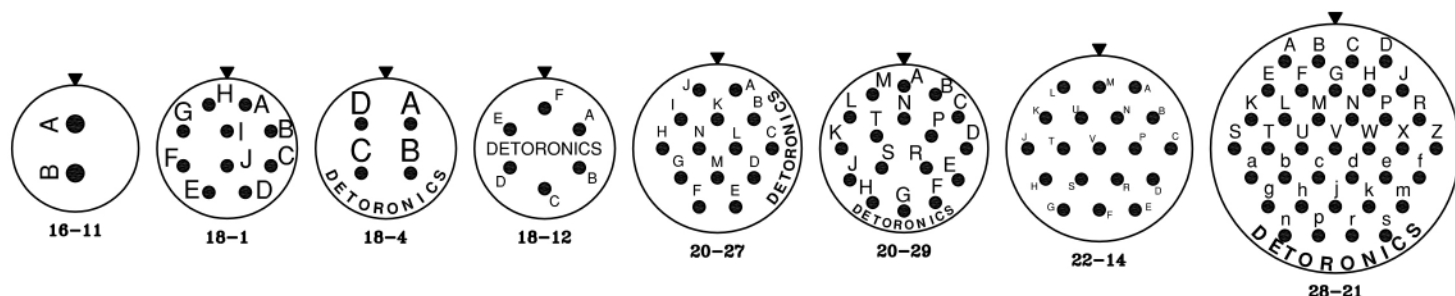
13071 ROSECRANS AVE, SANTA FE SPRINGS, CA 90670
TELE: (626) 579-7130 FAX: (626) 579-1936
www.detoronics.com

MINIATURE HERMETIC ELECTRONIC CONNECTORS-DSBFH SERIES

MIL-DTL-5015 TYPE, THRU BULKHEAD JAM NUT COMMERCIAL EQUAL
HERMETIC GLASS-TO-METAL SEALED
(VACUUM / PRESSURE FEED THRUS)



PART NO.	A THREAD CLASS 2A †	B ±.015	C MIN.	D ±.015	E ±.015	G ±.015	H ±.015	J MAX.	K MAX.	L MAX.
DSBFH-16-*P-001	1.000-20 UNEF	1.500	1.094	.281	.141	1.563	1.313	1.135	.939	.350
DSBFH-18-*P-001	1.125-18 UNEF	1.500	1.094	.281	.141	1.688	1.438	1.260	1.057	.350
DSBFH-20-*P-001	1.250-18 UNEF	1.500	1.094	.281	.141	1.813	1.563	1.385	1.182	.350
DSBFH-22-*P-001	1.375-18 UNEF	1.500	1.094	.281	.141	1.938	1.688	1.510	1.307	.350
DSBFH-28-*P-001	1.750-18 UNS	1.500	1.094	.281	.141	2.313	2.062	1.885	1.682	.350



ENGAGING FACE PIN INSERTS

* ADD DESIRED INSERT ARRANGEMENT.

▼ = INSERT ARRANGEMENT IS SHOWN IN NORMAL POSITION.

† AFTER PLATING, SUBJECT TO ACCEPTANCE USING A BASIC CLASS 3A GO GAGE.

OTHER SHELL SIZES, PIN PATTERNS AND INSERT POSITIONS MAY BE AVAILABLE - CONSULT FACTORY.

MATERIAL: STANDARD IS CRS SHELL, 52 NICKEL ALLOY PINS AND NO INTERFACIAL SEAL.

STANDARD PIN IS EYELET TYPE, OTHER PIN TYPES ALSO AVAILABLE (SOLDER CUP, STRAIGHT) - CONSULT FACTORY.

STANDARD FINISH IS TIN PLATED SHELL AND PINS.

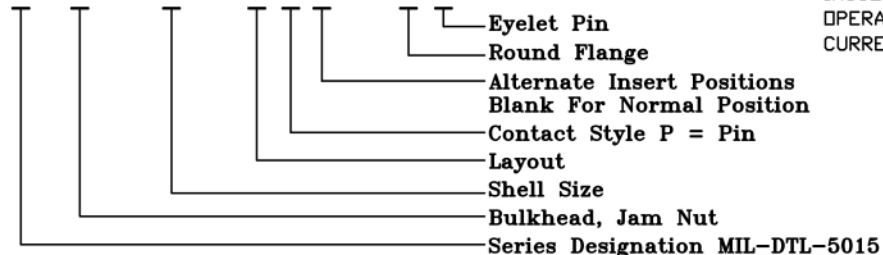
OTHER FINISHES ALSO AVAILABLE (GOLD, NICKEL, OLIVE DRAB, etc.) - CONSULT FACTORY.

SPECIALS CAN BE SUPPLIED TO MEET CUSTOMER SPECIFICATIONS - CONSULT FACTORY.

OUR CONNECTORS MATE WITH ANY PLUG WITH SOCKET CONTACTS WHICH MEET THE DIMENSIONAL REQUIREMENTS OF MIL-DTL-5015 AND MS3106.

PART NUMBERING SYSTEM

DS BFH - 20 - 27 P * - 00 1



GENERAL SPECIFICATIONS

AIR LEAKAGE: 1×10^{-6} CM³/SEC AT 15psi

INSULATION RESISTANCE: 5,000 megohms AT 500VDC

OPERATING TEMPERATURE: -67°F TO +347°F (-55°C TO +175°C)

CURRENT RATING: SIZE 16: 10 AMPS, SIZE 12: 17 AMPS

Detoronics Corporation

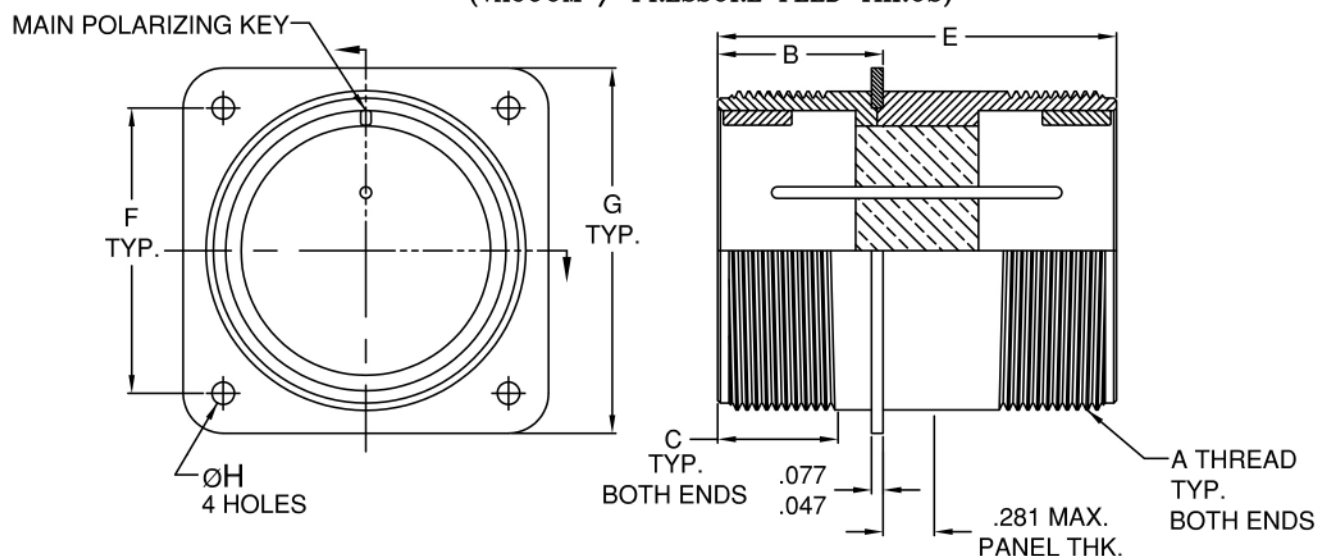
13071 ROSECRAINS AVE, SANTA FE SPRINGS, CA 90670

TELE: (626) 579-7130 FAX: (626) 579-1936

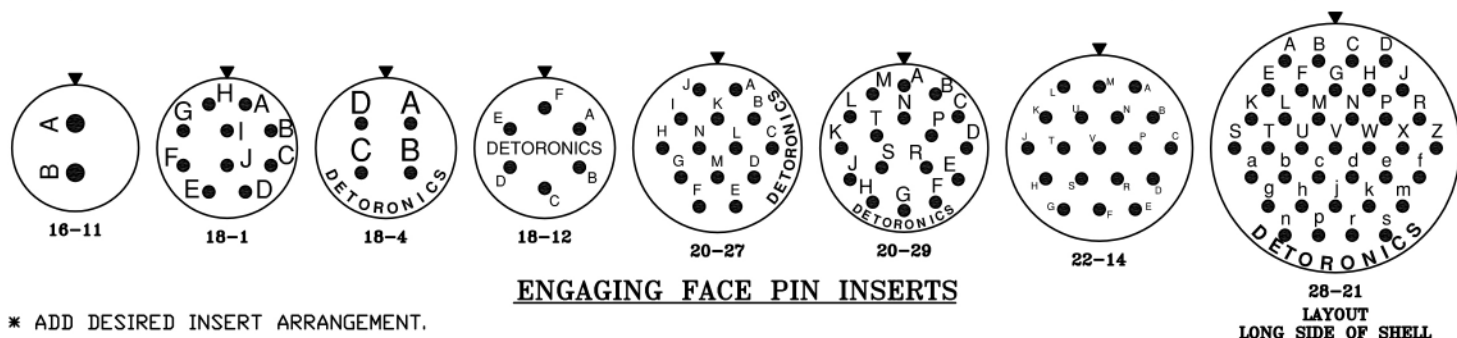
www.detoronics.com

MINIATURE HERMETIC ELECTRONIC CONNECTORS-DSTBFH SERIES

MIL-DTL-5015 TYPE, THRU BULKHEAD COMMERCIAL EQUAL
HERMETIC GLASS-TO-METAL SEALED
(VACUUM / PRESSURE FEED THRUS)



PART NO.	A THREAD CLASS 2A †	B MAX.	C MIN.	E MAX.	F ±.005	G ±.031	ØH ±.005
DSTBFH-16-*PP-110	1.000-20 UNEF	.915	.625	2.072	.969	1.281	.120
DSTBFH-18-*PP-110	1.125-18 UNEF	.915	.625	2.072	1.062	1.375	.120
DSTBFH-20-*PP-110	1.250-18 UNEF	.915	.625	2.072	1.156	1.500	.120
DSTBFH-22-*PP-110	1.375-18 UNEF	.915	.625	2.197	1.250	1.625	.120
DSTBFH-28-*PP-110	1.750-18 UNS	.915	.625	2.197	1.562	2.000	.147



* ADD DESIRED INSERT ARRANGEMENT.

▼ = INSERT ARRANGEMENT IS SHOWN IN NORMAL POSITION.

† AFTER PLATING, SUBJECT TO ACCEPTANCE USING A BASIC CLASS 3A GO GAGE.

OTHER SHELL SIZES, PIN PATTERNS AND INSERT POSITIONS MAY BE AVAILABLE - CONSULT FACTORY.

MATERIAL: STANDARD IS CRS SHELL, 52 NICKEL ALLOY PINS AND NO INTERFACIAL SEAL.

STANDARD FINISH IS TIN PLATED SHELL AND PINS.

OTHER FINISHES ALSO AVAILABLE (GOLD, NICKEL, OLIVE DRAB, etc.) - CONSULT FACTORY.

SPECIALS CAN BE SUPPLIED TO MEET CUSTOMER SPECIFICATIONS - CONSULT FACTORY.

OUR CONNECTORS MATE WITH ANY PLUG WITH SOCKET CONTACTS WHICH MEET THE DIMENSIONAL REQUIREMENTS OF MIL-DTL-5015 AND MS3106.

GENERAL SPECIFICATIONS

AIR LEAKAGE: 1×10^{-6} CM³/SEC AT 15psi

INSULATION RESISTANCE: 5,000 megohms AT 500VDC

OPERATING TEMPERATURE: -67°F TO +347°F (-55°C TO +175°C)

CURRENT RATING: SIZE 16: 10 AMPS, SIZE 12: 17 AMPS

PART NUMBERING SYSTEM

DS TBFH - 28 - 21 PP - 11 0

Double Radius Pin

Square Flange

Contact Style P = Pin

Layout

Shell Size

Thru Bulkhead

Series Designation MIL-DTL-5015

Detoronics Corporation

13071 ROSECRAWS AVE, SANTA FE SPRINGS, CA 90670

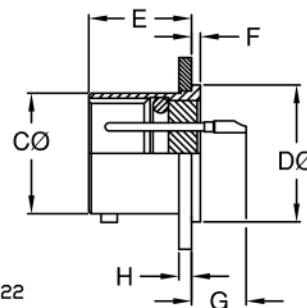
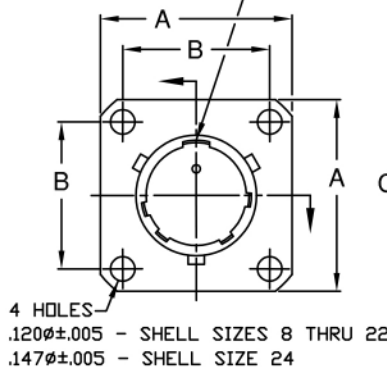
TELE: (626) 579-7130 FAX: (626) 579-1936

www.detoronics.com

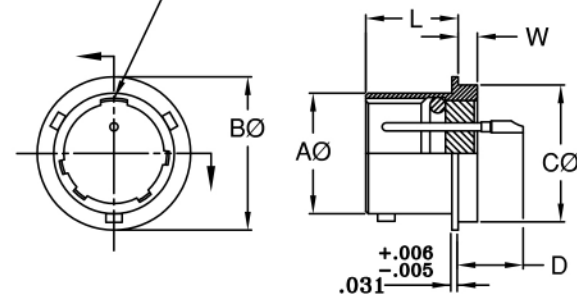
MINIATURE HERMETIC ELECTRONIC CONNECTORS-DT SERIES

MIL-DTL-26482 TYPE, COMMERCIAL EQUAL HERMETIC GLASS-TO-METAL SEALED (VACUUM / PRESSURE FEED THRU)

MAIN POLARIZING KEYWAY



MAIN POLARIZING KEYWAY



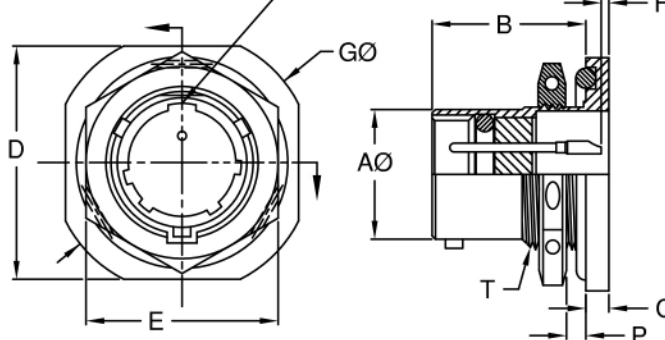
PART NO.	A $\pm$.016	B TYP.	C $\varnothing$ +.001 -.005	D $\varnothing$ +.001 -.005	E +.025 -.015	F $\pm$.016	G MAX.	H $\pm$.016
DT02H-8- $\star$ PN	.812	.594	.473	.562	.494	.047	.344	.062
DT02H-10- $\star$ PN	.938	.719	.590	.672	.494	.047	.344	.062
DT02H-12- $\star$ PN	1.031	.812	.750	.781	.494	.047	.344	.062
DT02H-14- $\star$ PN	1.125	.906	.875	.906	.494	.047	.344	.062
DT02H-16- $\star$ PN	1.219	.969	1.000	1.031	.494	.047	.344	.062
DT02H-18- $\star$ PN	1.312	1.062	1.125	1.156	.494	.047	.344	.062
DT02H-20- $\star$ PN	1.438	1.156	1.250	1.220	.556	.047	.344	.094
DT02H-22- $\star$ PN	1.562	1.250	1.375	1.340	.556	.079	.377	.094
DT02H-24- $\star$ PN	1.688	1.375	1.500	1.470	.588	.079	.377	.094

**DT02H - FLANGE MOUNT CONNECTORS
(MS3112 CLASS H TYPE)**

PART NO.	A $\varnothing$ +.001 -.005	B $\varnothing$ MAX.	C $\varnothing$ +.001 -.005	D MAX.	L +.025 -.016	W +.011 -.010
DT1H-8- $\star$ PN	.473	.636	.562	.386	.447	.094
DT1H-10- $\star$ PN	.590	.761	.672	.386	.447	.094
DT1H-12- $\star$ PN	.750	.855	.781	.386	.447	.094
DT1H-14- $\star$ PN	.875	.980	.906	.386	.447	.094
DT1H-16- $\star$ PN	1.000	1.105	1.031	.386	.447	.094
DT1H-18- $\star$ PN	1.125	1.229	1.156	.386	.447	.094
DT1H-20- $\star$ PN	1.250	1.323	1.250	.386	.509	.094
DT1H-22- $\star$ PN	1.375	1.449	1.375	.418	.509	.125
DT1H-24- $\star$ PN	1.500	1.574	1.500	.418	.542	.125

**DT1H - SOLDER MOUNT CONNECTORS
(MS3113 CLASS H TYPE)**

MAIN POLARIZING KEYWAY



PART NO.	A $\varnothing$ +.001 -.005	B +.031 -.000	C $\pm$.020	D MAX.	E HEX $\pm$.017	F PIN $\pm$.030	G $\varnothing$ +.000 -.032	PANEL THK. MIN. MAX.	T THREAD $\dagger$ UNEF-2A
DT07H-8- $\star$ PN	.473	.691	.117	.954	.750	.025	1.078	.062 .125	.5625-24
DT07H-10- $\star$ PN	.590	.691	.117	1.078	.875	.025	1.203	.062 .125	.6875-24
DT07H-12- $\star$ PN	.750	.691	.117	1.266	1.062	.025	1.391	.062 .125	.875-20
DT07H-14- $\star$ PN	.875	.691	.117	1.391	1.188	.025	1.516	.062 .125	1.000-20
DT07H-16- $\star$ PN	1.000	.691	.117	1.516	1.312	.025	1.641	.062 .125	1.125-18
DT07H-18- $\star$ PN	1.125	.691	.117	1.641	1.438	.025	1.766	.062 .125	1.250-18
DT07H-20- $\star$ PN	1.250	.879	.148	1.828	1.562	.190	1.954	.062 .250	1.375-18
DT07H-22- $\star$ PN	1.375	.879	.148	1.954	1.688	.190	2.078	.062 .250	1.500-18
DT07H-24- $\star$ PN	1.500	.912	.148	2.078	1.812	.220	2.203	.062 .250	1.625-18

DT07H - JAM NUT MOUNT CONNECTORS (MS3114 CLASS H TYPE)

* ADD DESIRED INSERT ARRANGEMENT.

▼ INSERT ARRANGEMENT IS SHOWN IN NORMAL POSITION.

† AFTER PLATING, SUBJECT TO ACCEPTANCE USING A BASIC CLASS 3A GO GAGE.

OTHER PIN PATTERNS AND INSERT POSITIONS MAY BE AVAILABLE -CONSULT FACTORY.

MATERIAL: STANDARD IS CRS SHELL, 52 NICKEL ALLOY PINS AND SILICONE O-RING ONLY.

STANDARD PIN IS SOLDER CUP TYPE. OTHER PIN TYPES ALSO AVAILABLE

(EYELET, STRAIGHT, THERMOCOUPLE) - CONSULT FACTORY.

STANDARD FINISH IS TIN PLATED SHELL AND PINS.

OTHER FINISHES ALSO AVAILABLE (GOLD, NICKEL, OLIVE DRAB, etc.) - CONSULT FACTORY.

SPECIALS CAN BE SUPPLIED TO MEET CUSTOMER SPECIFICATIONS - CONSULT FACTORY.

OUR CONNECTORS MATE WITH ANY PLUG WITH SOCKET CONTACTS WHICH MEET

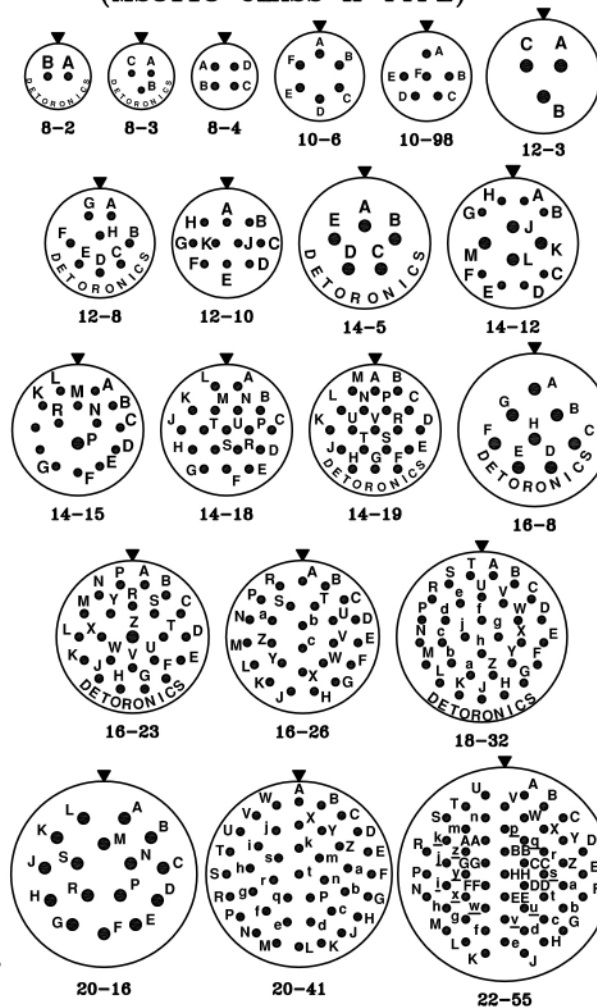
THE DIMENSIONAL REQUIREMENTS OF MIL-DTL-26482 AND MS3116.

GENERAL SPECIFICATIONS

AIR LEAKAGE: 1x10⁻⁶ CM³/SEC AT 15psi

INSULATION RESISTANCE: 5,000 megohms AT 500VDC

OPERATING TEMPERATURE: -67°F TO +257°F (-55°C TO +125°C)



ENGAGING FACE PIN INSERTS

Detoronic Corporation

13071 ROSECRANS AVE, SANTA FE SPRINGS, CA 90670

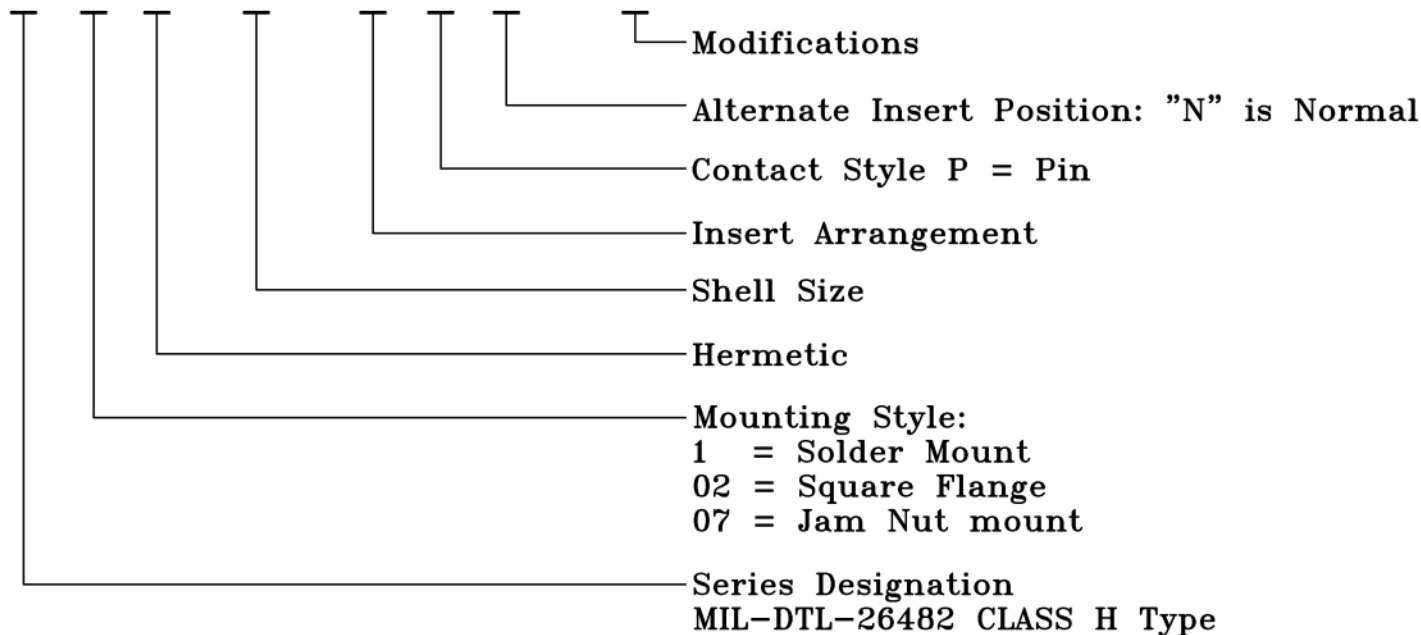
TELE: (626) 579-7130 FAX: (626) 579-1936

www.detoronic.com

MIL-DTL-26482 TYPE, DT SERIES
(COMMERCIAL EQUAL - HERMETIC)

PART NUMBERING SYSTEM

DT 1 H - 22 - 55 P N - ***



GENERAL SPECIFICATIONS

MATERIAL

Shell, Bayonet and Flange: Carbon Steel
Pins: 52 Nickel Alloy
Seals: Silicone O-Ring only
Insulator: Glass

CURRENT RATING

Size 20: 5 AMPS
Size 16: 10 AMPS

AIR LEAKAGE

1x10⁻⁶ CM³/SEC AT 15psi

INSULATION RESISTANCE

5,000 megohms AT 500VDC

OPERATING TEMPERATURE

-67°F TO +257°F (-55°C TO +125°C)

STANDARD PIN IS SOLDER CUP TYPE. OTHER PIN TYPES ALSO AVAILABLE
(EYELET, STRAIGHT, THERMOCOUPLE) - CONSULT FACTORY.

STANDARD FINISH IS TIN PLATED SHELL AND PINS.
OTHER FINISHES ALSO AVAILABLE (GOLD, NICKEL, OLIVE DRAB, etc.) - CONSULT FACTORY.

SPECIALS CAN BE SUPPLIED TO MEET CUSTOMER SPECIFICATIONS - CONSULT FACTORY.

OUR CONNECTORS MATE WITH ANY PLUG WITH SOCKET CONTACTS WHICH MEET
THE DIMENSIONAL REQUIREMENTS OF MIL-DTL-26482 AND MS3116.

Detoronics Corporation

13071 ROSECRANS AVE, SANTA FE SPRINGS, CA 90670

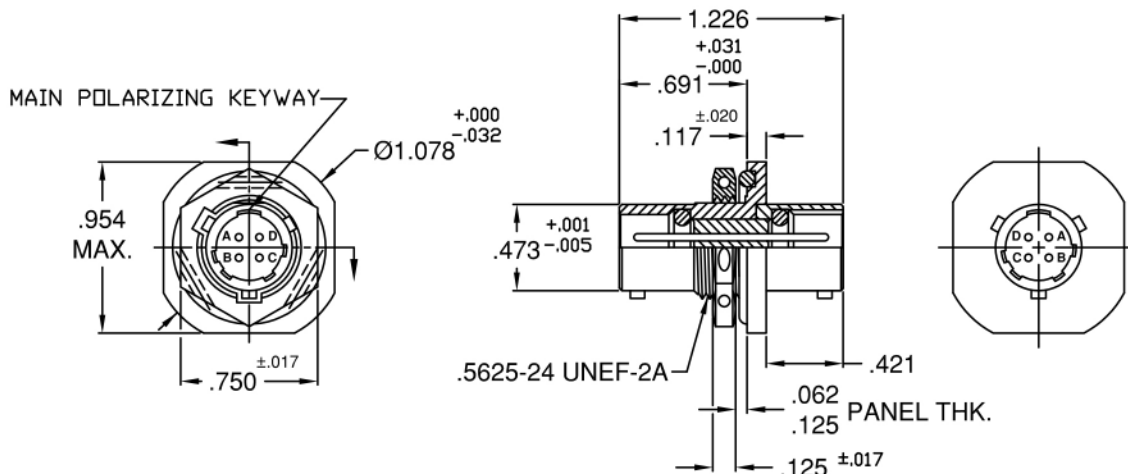
TELE: (626) 579-7130 FAX: (626) 579-1936

www.detoronics.com

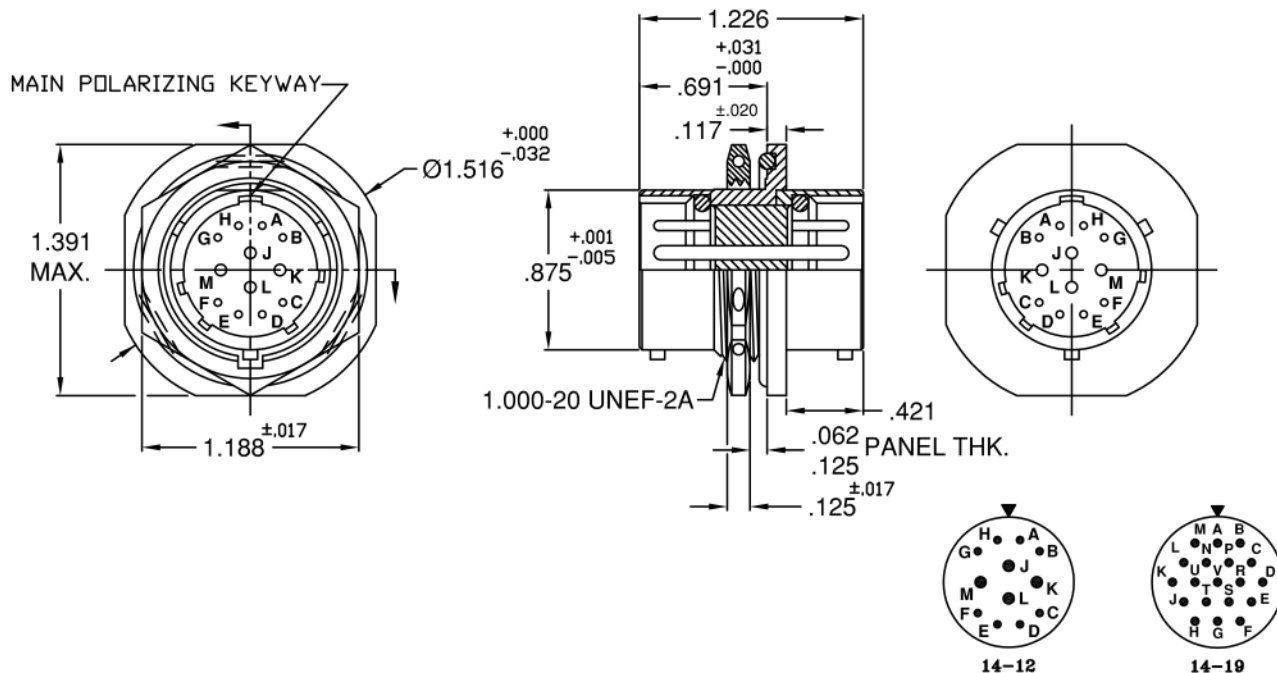
MINIATURE BULK HEAD ELECTRONIC CONNECTORS-DT7BFH SERIES

MIL-DTL-26482 TYPE, COMMERCIAL EQUAL
HERMETIC GLASS-TO-METAL SEALED
(VACUUM / PRESSURE FEED THRU)

DT7BFH-8-4PN



DT7BFH-14-12PN AND DT7BFH-14-19PN



ENGAGING FACE PIN INSERTS

AFTER PLATING, THREAD SUBJECT TO ACCEPTANCE USING A BASIC CLASS 3A GO GAGE.

MATERIAL: STANDARD IS CRS SHELL, 52 NICKEL ALLOY PINS, SILICONE INTERNAL O-RINGS, AND NITRILE EXTERNAL O-RING.

STANDARD FINISH IS TIN PLATED SHELL AND PINS.

OTHER FINISHES ALSO AVAILABLE (GOLD, NICKEL, OLIVE DRAB, etc.) - CONSULT FACTORY.

SPECIALS CAN BE SUPPLIED TO MEET CUSTOMER SPECIFICATIONS - CONSULT FACTORY.

OUR CONNECTORS MATE WITH ANY PLUG WITH SOCKET CONTACTS WHICH MEET THE DIMENSIONAL REQUIREMENTS OF MIL-DTL-26482 AND MS3116.

GENERAL SPECIFICATIONS

AIR LEAKAGE: 1×10^{-6} CM³/SEC AT 15psi

INSULATION RESISTANCE: 5,000 megohms AT 500VDC

OPERATING TEMPERATURE: -67°F TO +257°F (-55°C TO +125°C)

CURRENT RATING: SIZE 20: 5 AMPS, SIZE 16: 10 AMPS

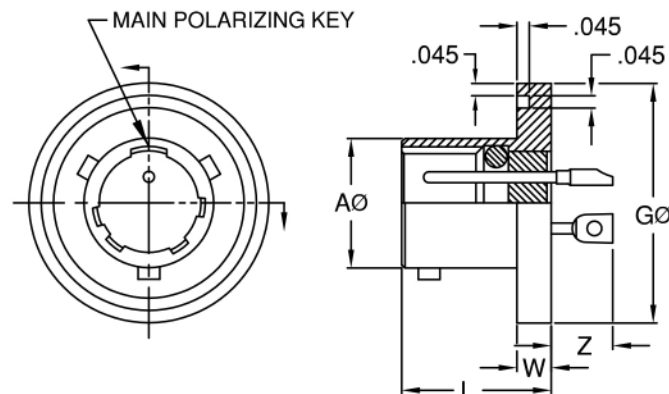
Detoronic Corporation

13071 ROSECRANS AVE, SANTA FE SPRINGS, CA 90670

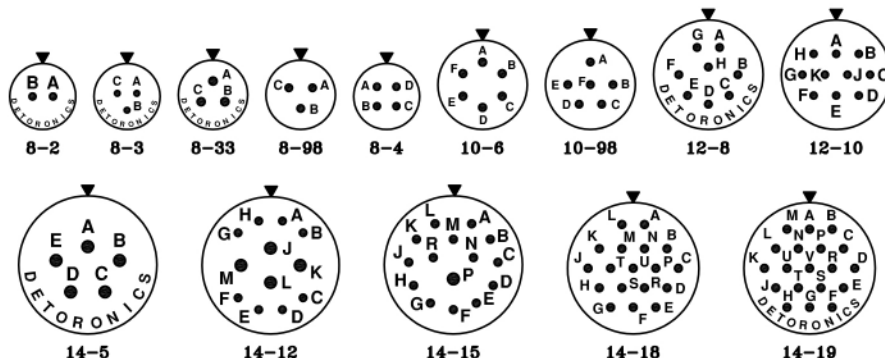
TELE: (626) 579-7130 FAX: (626) 579-1936

www.detoronics.com

MIL-DTL-26482 TYPE WELD MOUNT, COMMERCIAL EQUAL HERMETIC GLASS-TO-METAL SEALED (VACUUM / PRESSURE FEED THRU)



PART NO.	AØ +.001 -.005	GØ ±.010	L +.025 -.016	W ±.010	Z MAX.
DTW03H-8-*PN	.473	.875	.541	.125	.292
DTW03H-10-*PN	.590	1.000	.541	.125	.292
DTW03H-12-*PN	.750	1.125	.541	.125	.292
DTW03H-14-*PN	.875	1.250	.541	.125	.292



ENGAGING FACE PIN INSERTS

* ADD DESIRED INSERT ARRANGEMENT.

▼ = INSERT ARRANGEMENT IS SHOWN IN NORMAL POSITION.

OTHER SHELL SIZES, PIN PATTERNS AND INSERT POSITIONS MAY BE AVAILABLE - CONSULT FACTORY.

MATERIAL: STANDARD IS 304L-SST SHELL, 52 NICKEL ALLOY PINS AND SILICONE O-RING ONLY.

STANDARD PIN IS SOLDER CUP TYPE. OTHER PIN TYPES ALSO AVAILABLE (EYELET, STRAIGHT) - CONSULT FACTORY.

STANDARD FINISH IS GOLD PLATED PINS ONLY.

SPECIALS CAN BE SUPPLIED TO MEET CUSTOMER SPECIFICATIONS - CONSULT FACTORY.

OUR CONNECTORS MATE WITH ANY PLUG WITH SOCKET CONTACTS WHICH MEET THE DIMENSIONAL REQUIREMENTS OF MIL-DTL-26482 AND MS3116.

GENERAL SPECIFICATIONS

AIR LEAKAGE: 1×10^{-6} CM³/SEC AT 15psi

INSULATION RESISTANCE: 5,000 megohms AT 500VDC

OPERATING TEMPERATURE: -67°F TO +257°F (-55°C TO +125°C)

CURRENT RATING: SIZE 20: 5 AMPS, SIZE 16: 10 AMPS

PART NUMBERING SYSTEM

DTW 03 H - 12 - 10 P N - ***

Modification

Alternate Insert Position

Contact Style P = Pin

Insert Arrangement

Shell Size

Hermetic

Solid Glass Insulator

Series Designation, Weld Mount
MIL-DTL-26482 CLASS H

Detronics Corporation

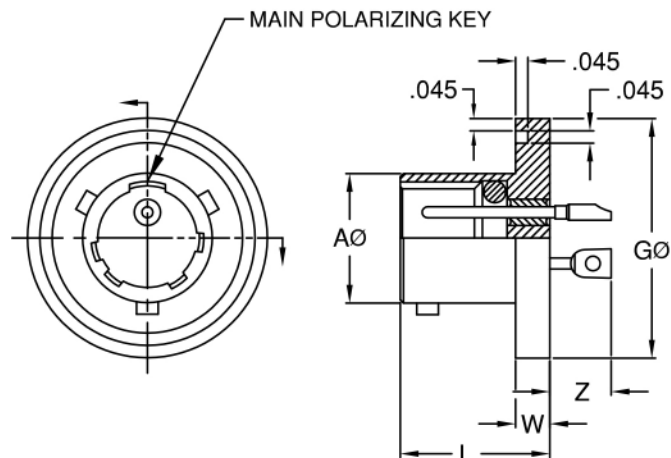
13071 ROSECRANS AVE, SANTA FE SPRINGS, CA 90670

TELE: (626) 579-7130 FAX: (626) 579-1936

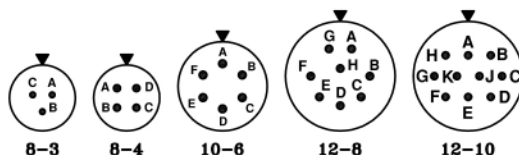
www.detronics.com

MINIATURE HERMETIC ELECTRONIC CONNECTORS-DTW04H SERIES

MIL-DTL-26482 TYPE WELD MOUNT, COMMERCIAL EQUAL
HERMETIC GLASS-TO-METAL SEALED WITH INDIVIDUAL INSULATORS
(VACUUM / PRESSURE FEED THRU'S)



PART NO.	AØ +.001 -.005	GØ ±.010	L +.025 -.016	W ±.010	Z MAX.
DTW04H-8-*PN	.473	.875	.541	.125	.292
DTW04H-10-*PN	.590	1.000	.541	.125	.292
DTW04H-12-*PN	.750	1.125	.541	.125	.292



ENGAGING FACE PIN INSERTS

* ADD DESIRED INSERT ARRANGEMENT.

▼ = INSERT ARRANGEMENT IS SHOWN IN NORMAL POSITION.

OTHER SHELL SIZES, PIN PATTERNS AND INSERT POSITIONS MAY BE AVAILABLE - CONSULT FACTORY.

MATERIAL: STANDARD IS 304L-SST SHELL, 52 NICKEL ALLOY PINS AND SILICONE O-RING ONLY.

STANDARD PIN IS SOLDER CUP TYPE. OTHER PIN TYPES ALSO AVAILABLE (EYELET, STRAIGHT) - CONSULT FACTORY.

STANDARD FINISH IS GOLD PLATED PINS ONLY.

SPECIALS CAN BE SUPPLIED TO MEET CUSTOMER SPECIFICATIONS - CONSULT FACTORY.

OUR CONNECTORS MATE WITH ANY PLUG WITH SOCKET CONTACTS WHICH MEET THE DIMENSIONAL REQUIREMENTS OF MIL-DTL-26482 AND MS3116.

GENERAL SPECIFICATIONS

AIR LEAKAGE: 1×10^{-6} CM³/SEC AT 15psi

INSULATION RESISTANCE: 5,000 megohms AT 500VDC

OPERATING TEMPERATURE: -67°F TO +257°F (-55°C TO +125°C)

CURRENT RATING: SIZE 20: 5 AMPS

PART NUMBERING SYSTEM

DTW 04 H - 12 - 10 P N - ***

Modification

Alternate Insert Position

Contact Style P = Pin

Insert Arrangement

Shell Size

Hermetic

Individual Glass Insulator

Series Designation, Weld Mount
MIL-DTL-26482 CLASS H

Detoronics Corporation

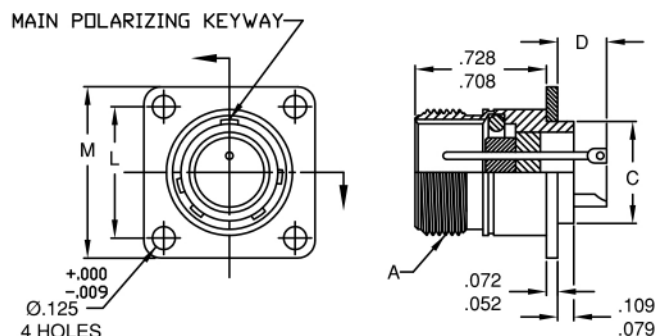
13071 ROSECRANS AVE, SANTA FE SPRINGS, CA 90670

TELE: (626) 579-7130 FAX: (626) 579-1936

www.detoronics.com

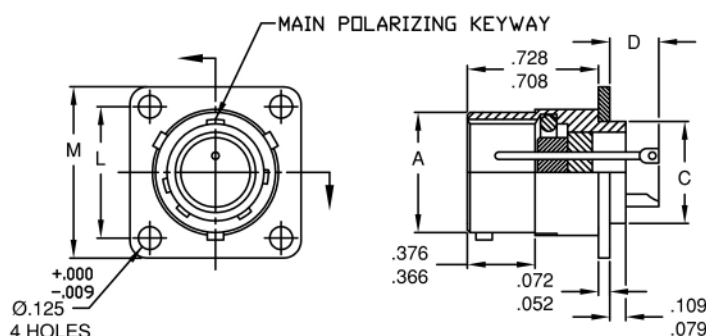
MINIATURE HERMETIC ELECTRONIC CONNECTORS-DX SERIES

MIL-DTL-26500 AND MIL-DTL-83723 SERIES III,
COMMERCIAL EQUAL HERMETIC GLASS-TO-METAL SEALED
(VACUUM / PRESSURE FEED THRU)



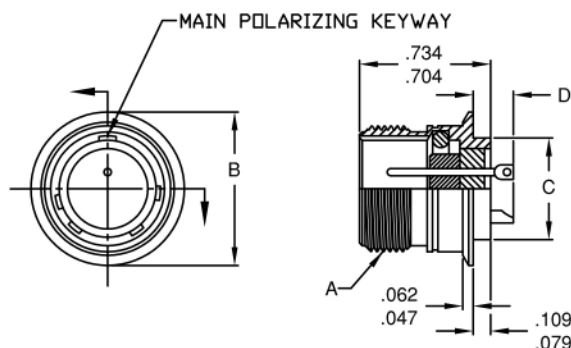
**DX02H-*T - SQUARE FLANGE THREADED
(MS24264 THREADED TYPE)**

PART NO.	A † THREAD UNEF-2A	ØC MAX.	D MAX. SIZE OF CONTACTS		L (TYP) C-C	M (TYP) ±.005
			#12 & #16	#20		
DX02H-10T-*PN	11/16-24	.562	.400	.330	.719	.937
DX02H-12T-*PN	7/8-20	.750	.400	.330	.812	1.031
DX02H-14T-*PN	15/16-20	.812	.400	.330	.906	1.125
DX02H-16T-*PN	1-1/16-18	.938	.400	.330	.969	1.250



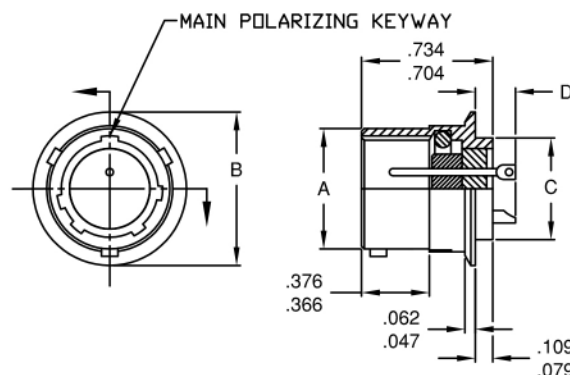
**DX02H-*B - SQUARE FLANGE BAYONET
(MS24264 BAYONET TYPE)**

PART NO.	ØA +.000 -.005	ØC MAX.	D MAX. SIZE OF CONTACTS		L (TYP) C-C	M (TYP) ±.005
			#12 & #16	#20		
DX02H-10B-*PN	.659	.562	.400	.330	.719	.937
DX02H-12B-*PN	.829	.750	.400	.330	.812	1.031
DX02H-14B-*PN	.898	.812	.400	.330	.906	1.125
DX02H-16B-*PN	1.025	.938	.400	.330	.969	1.250



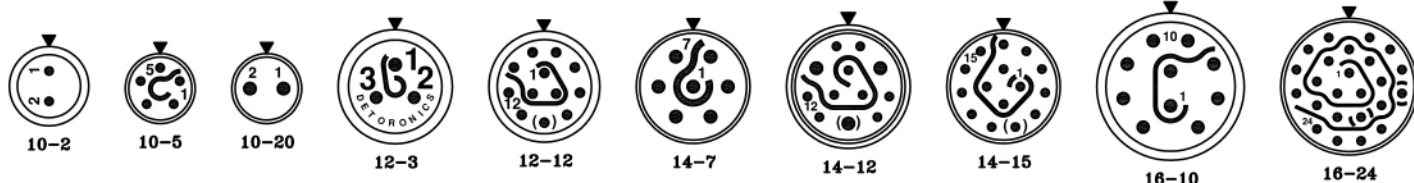
**DX1H-*T - SOLDER MOUNT THREADED
(MS27034 THREADED TYPE)**

PART NO.	A † THREAD UNEF-2A	ØB ±.020	ØC MAX.	D MAX. SIZE OF CONTACTS	
				#12 & #16	#20
DX1H-10T-*PN	11/16-24	.840	.562	.400	.330
DX1H-12T-*PN	7/8-20	1.045	.750	.400	.330
DX1H-14T-*PN	15/16-20	1.090	.812	.400	.330
DX1H-16T-*PN	1-1/16-18	1.210	.937	.400	.330



**DX1H-*B - SOLDER MOUNT BAYONET
(MS27034 BAYONET TYPE)**

PART NO.	ØA +.000 -.005	ØB ±.020	ØC MAX.	D MAX. SIZE OF CONTACTS	
				#12 & #16	#20
DX1H-10B-*PN	.659	.840	.562	.400	.330
DX1H-12B-*PN	.829	1.045	.750	.400	.330
DX1H-14B-*PN	.898	1.090	.812	.400	.330
DX1H-16B-*PN	1.025	1.210	.937	.400	.330



* ADD DESIRED INSERT ARRANGEMENT.

▼ = INSERT ARRANGEMENT IS SHOWN IN NORMAL POSITION.

† AFTER PLATING, SUBJECT TO ACCEPTANCE USING A BASIC CLASS 3A GO GAGE.

MIL-DTL-83723 SERIES III INTERMATEABLE WITH MIL-DTL-26500.

OTHER SHELL SIZES, PIN PATTERNS AND INSERT POSITIONS MAY BE AVAILABLE - CONSULT FACTORY.

MATERIAL: STANDARD IS CRS SHELL, 52 NICKEL ALLOY PINS, SILICONE INTERFACIAL SEAL AND O-RING.

STANDARD PIN IS EYELET TYPE, OTHER PIN TYPES ALSO AVAILABLE (SOLDER CUP, STRAIGHT, THERMOCOUPLE) - CONSULT FACTORY.

STANDARD FINISH IS TIN PLATED SHELL AND PINS.

OTHER FINISHES ALSO AVAILABLE (GOLD, NICKEL, OLIVE DRAB, etc.) - CONSULT FACTORY.

SPECIALS CAN BE SUPPLIED TO MEET CUSTOMER SPECIFICATIONS - CONSULT FACTORY.

OUR CONNECTORS MATE WITH ANY PLUG WITH SOCKET CONTACTS WHICH MEET THE DIMENSIONAL REQUIREMENTS OF MIL-DTL-26500, MS24266B AND MS24266T.

GENERAL SPECIFICATIONS

AIR LEAKAGE: 1x10⁻⁷ CM³/SEC AT 15psi

INSULATION RESISTANCE: 5,000 megohms AT 500VDC

OPERATING TEMPERATURE: -67°F TO +500°F (-55°C TO +260°C)

ENGAGING FACE PIN INSERTS

Detronics Corporation

13071 ROSECRAWS AVE, SANTA FE SPRINGS, CA 90670

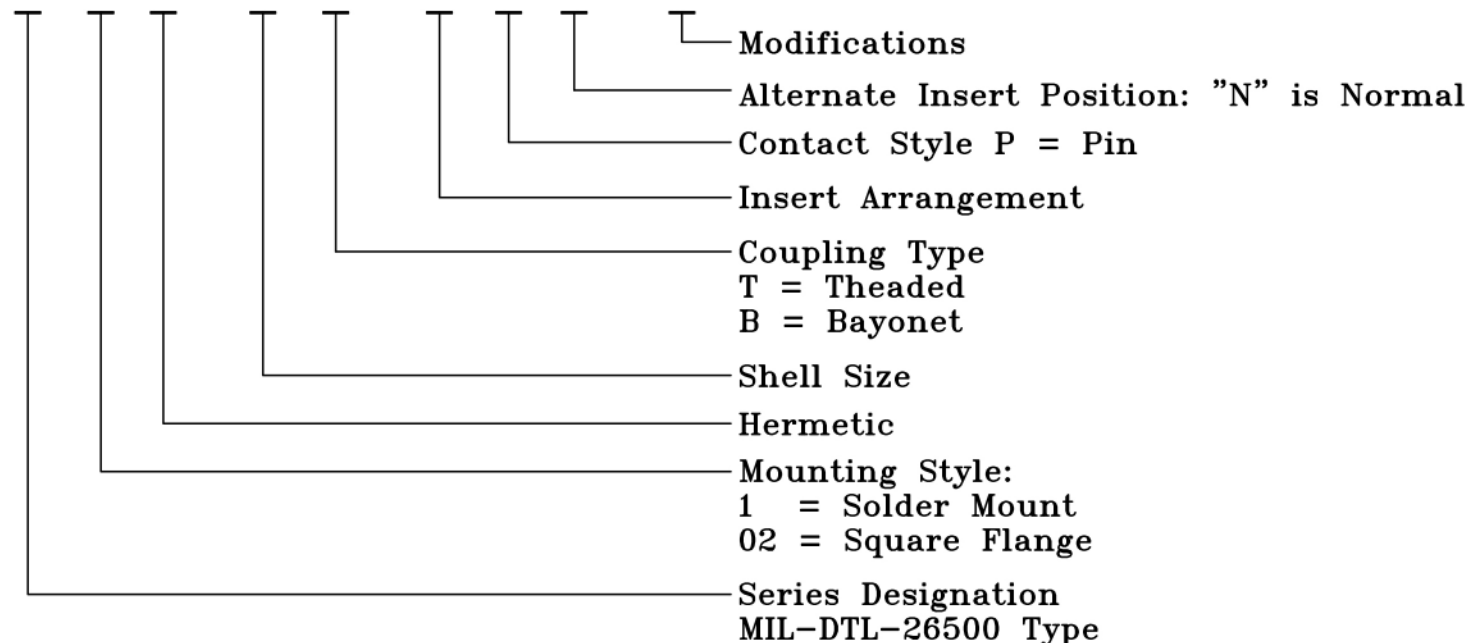
TELE: (626) 579-7130 FAX: (626) 579-1936

www.detronics.com

DX SERIES
MIL-DTL-26500 AND MIL-DTL-83723 SERIES III TYPE
(COMMERCIAL EQUAL - HERMETIC)

PART NUMBERING SYSTEM

DX 1 H - 22 B - 55 P N - ***



GENERAL SPECIFICATIONS

MATERIAL

Shell and Flange: Carbon Steel
Pins: 52 Nickel Alloy
Seals: Silicone Interfacial Seal and O-Ring
Insulator: Glass

CURRENT RATING

Size 20: 5 AMPS
Size 16: 10 AMPS

AIR LEAKAGE

1x10⁻⁷ CM³/SEC AT 15psi

INSULATION RESISTANCE

5,000 megohms AT 500VDC

OPERATING TEMPERATURE

-67°F TO +500°F (-55°C TO +260°C)

STANDARD PIN IS EYELET TYPE. OTHER PIN TYPES ALSO AVAILABLE
(SOLDER CUP, STRAIGHT, THERMOCOUPLE) - CONSULT FACTORY.

MIL-DTL-83723 SERIES III INTERMATEABLE WITH MIL-DTL-26500.

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