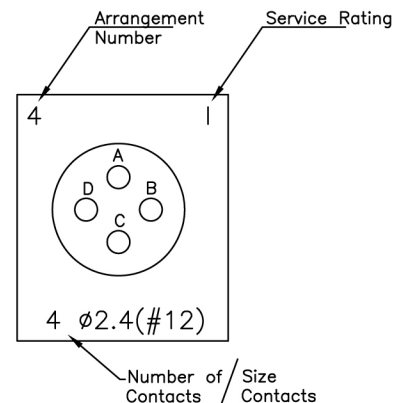
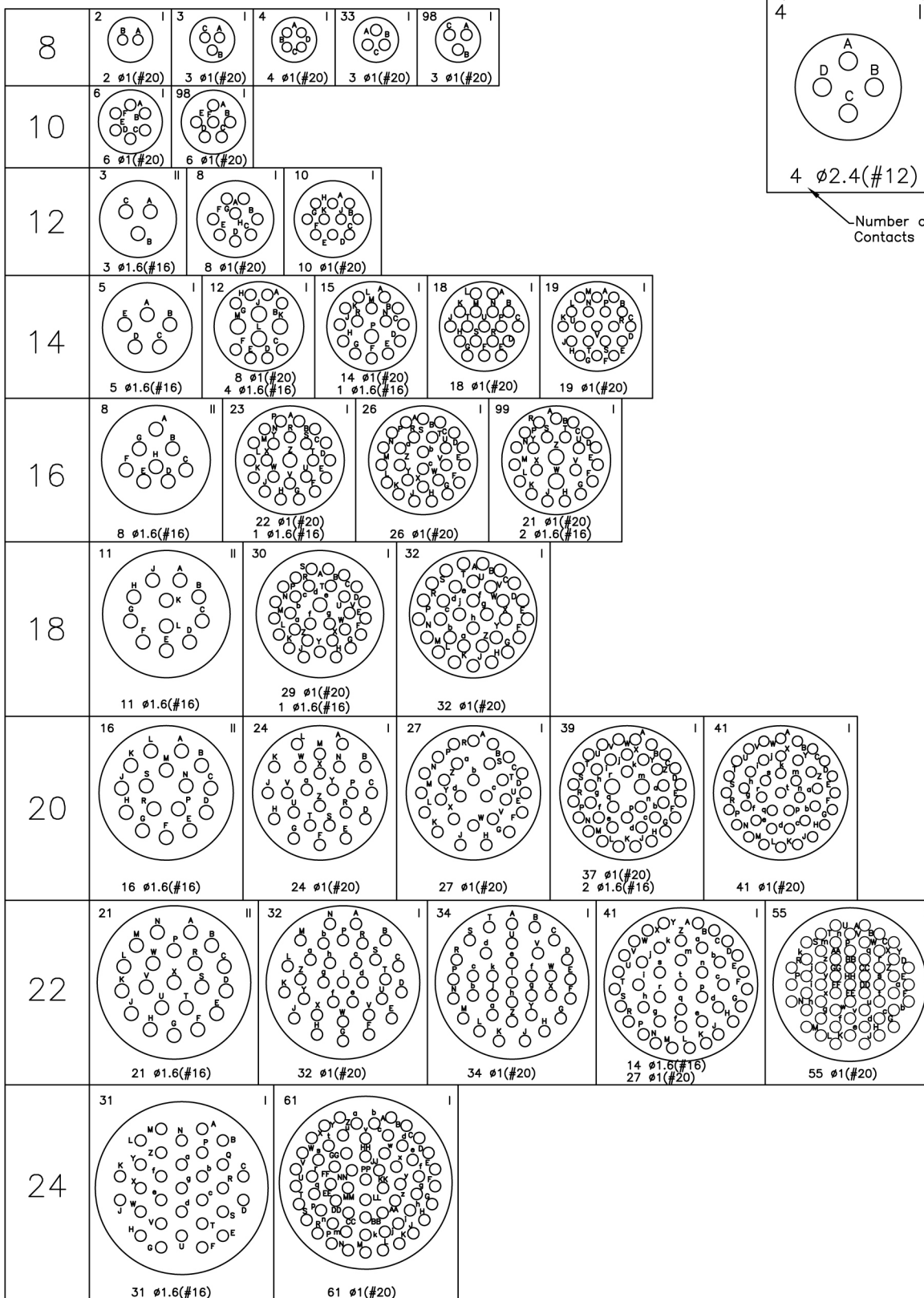




MILITARY INSERT ARRANGEMENTS

Lettering Is As Viewed From The Engaging Face of A Pin (Male) Insert
Socket (Female) Inserts Will Be Lettered Opposite

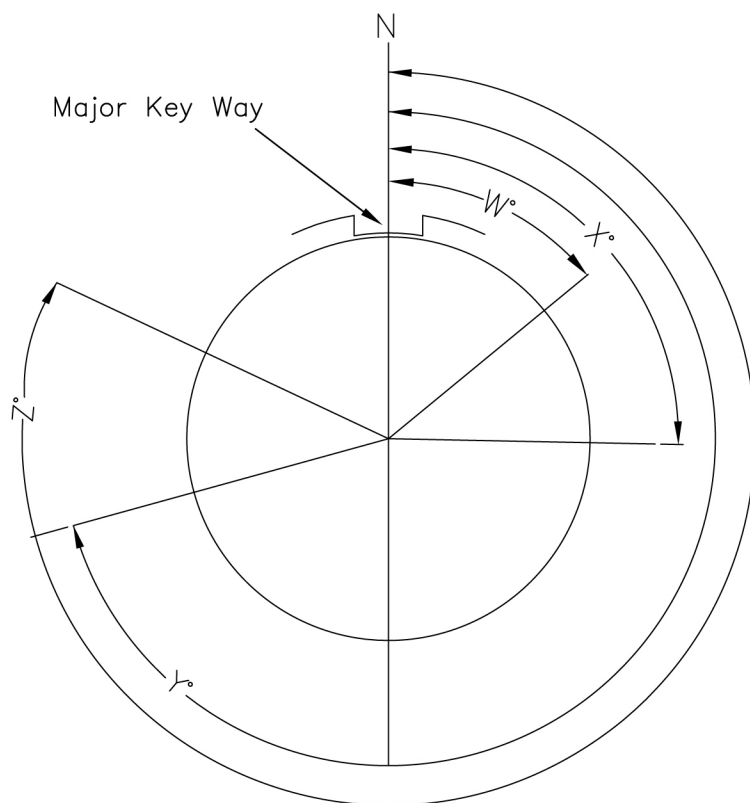


Contact Lettering Is Representative And May Be Different On The Final Product



INSERT CLOCKING

Shell Size	Layout	Angle in Degrees			
		W	X	Y	Z
8	2	58	122		
	3	60	210		
	4	45	97	184	
	33	90			
	98				
10	6	90			
	7				
	8				
	98	90	180	240	270
12	3			180	
	8	90	112	203	292
	10	60	115	270	295
	14				
14	5	40	92	184	273
	12	43	90		
	15	17	110	155	234
	18	15	90	180	270
	19	30	165	315	
16	8	54	152	180	331
	23	158	270		
	26	60		275	338
	99	66	156	223	340
18	11	62	119	241	340
	30	180	193	285	350
	32	85	138	222	265
20	16	238	318	333	347
	24	70	145	215	290
	27	72	144	216	288
	39	63	114	252	333
	41	45	126	225	
22	21	16	135	175	349
	32	72	145	215	228
	34	62	142	218	298
	41	39	135	264	
	55	30	142	226	314
24	31	90	225	255	
	61	90	180	270	324



Viewed From The Face of
A Pin (Male) Insert. Socket
(Female) Insert Clocking is
Opposite

The Position Of The Insert Is Rotated
From The Normal (N) Position
Clockwise or Counterclockwise
to the required "W", "X", "Y" or "Z" Angle

REVISIONS LIST				
REV	ECO #	DESCRIPTION	DATE	APV'D
A		Initial Release		
B		Updated Back Shell Materials	08/23/23	RLM

SPECIFICATIONS

Mechanical

Engagement Force-Torque (Max)	.902-4.97 N-m
Disengagement Force-Torque (Min)	.113-.791 N-m
Durability	500 Cycles
Insert Retention	5.3 Kg/cm ²
Contact Retention (Min)	
20 Gauge	67 N
16 Gauge	113 N
Contact Engagement Force (Max)	
20 Gauge	5.0 N
16 Gauge	8.34 N
Contact Separation Force (Min)	
20 Gauge	.195 N
16 Gauge	.556 N

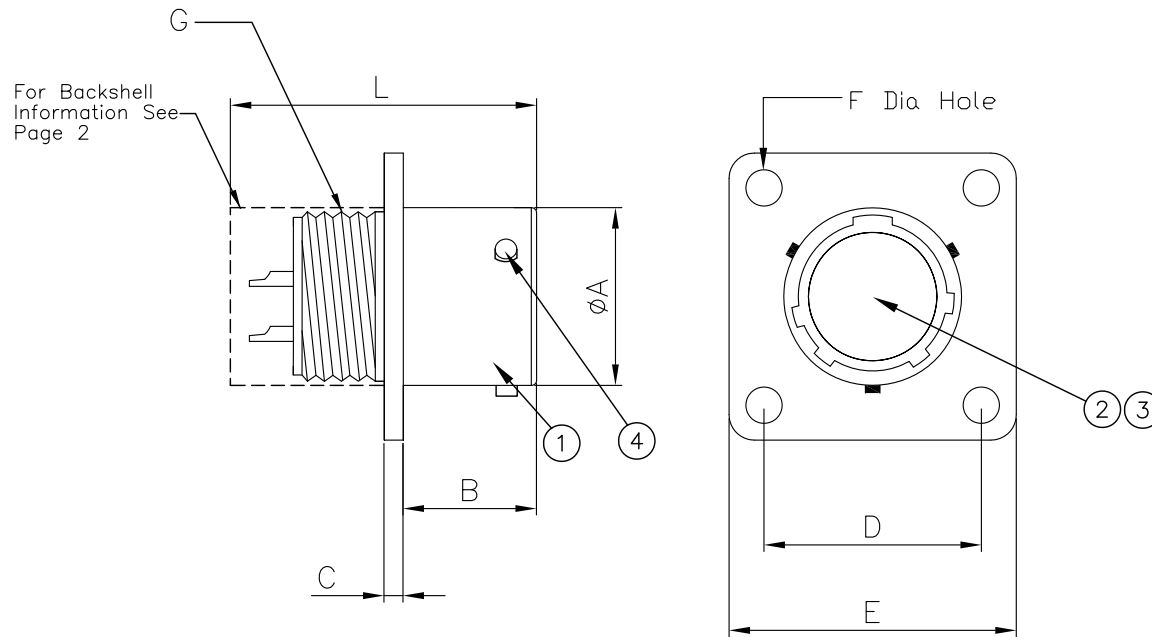
Electrical

Current Rating (Max)	
20 Gauge	7.5A
16 Gauge	22.0A
Contact Resistance	As specified in Table VII
	MIL-DTL-26482
Insulation Resistance (@500 VDC)	
(25°C)	5000 MΩ
Short Time (125°C)	3 MΩ
Long Time (105°C)	12 MΩ
Dielectric Withstanding Voltage (Working)	
SL (Service Rating I)	600 VAC (rms)
(Service Rating II)	1000 VAC (rms)
70,000 Ft (Service Rating I)	300 VAC (rms)
(Service Rating II)	450 VAC (rms)

Environmental

Operating Temperature	-55°C - +125°C
Air Leakage (@2.11 Kg/cm ²)	<4.55X10 ⁻³ cm ³ /s
Salt Spray (@35°C)	48 Hrs
Vibration (10-2000Hz)	12 Hrs
Shock (Peak Acceleration)	490 m/s ² (50g's)

NOTE: Service Rating is identified on each insert arrangement

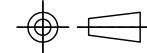


Shell Size	A MAX	B +0.79 -0.00	C ±0.41	D TP	E MAX	F ±0.127	G THREAD (UNEF2A)
8	12.04	10.95	1.57	15.08	21.03	3.05	.4375-28
10	15.01	10.95	1.57	18.26	24.23	3.05	.5625-24
12	19.08	10.95	1.57	20.62	26.60	3.05	.6875-24
14	22.25	10.95	1.57	23.01	28.98	3.05	.8125-20
16	25.43	10.95	1.57	24.61	31.34	3.05	.9375-20
18	28.60	10.95	1.57	26.97	33.73	3.05	1.0625-18
20	31.78	14.12	2.38	29.41	36.90	3.05	1.1875-18
22	34.95	14.12	2.38	31.75	40.08	3.05	1.3125-18
24	38.12	14.96	2.38	34.92	43.18	3.73	1.4375-18

No.	Name	Material/Finish	Remarks
1	Shell	Aluminum	
2	Insert	Neoprene	
3	Contact	Copper Alloy	Ni 100μ" - Au 50μ"
4	Locking Post	304 Stainless Steel	

UNLESS NOTED
TOLERANCES ARE:
.X ± 0.38
.XX ± 0.25
ANGLES ± 1°

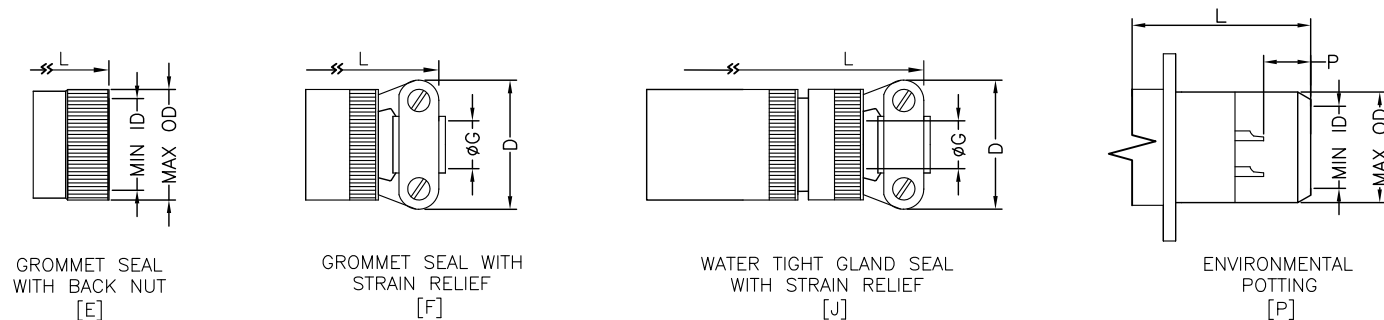
THIRD ANGLE
PROJECTION



1170 S. PATTON ST.
XENIA, OHIO 45385
PH: (937) 374-2700
FX: (937) 374-2717

UNIT: mm	DRWN: RLM	THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF SPI AND SHALL NOT BE COPIED, USED OR RE- PRODUCED WITHOUT PERMISSION.	TITLE	
SCALE: NTS	DATE: 01/29/14		MIL-DTL-26482 Wall Mount Receptacle	
	CHK'D: RLM		SPI P / N: MS3110XXX-XXXX	REV: B
SHEET: 1 OF 2	APV'D: RLM		CUSTOMER P / N:	

REVISIONS LIST				
REV	ECO #	DESCRIPTION	DATE	APV'D
A		Initial Release		
B		Updated Back Shell Materials	08/23/23	RLM

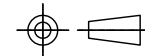


Shell Size	CLASS E			CLASS F			CLASS J				CLASS P			
	L MAX	ID MIN	OD MAX	L MAX	D MAX	ØG ±.254	L MAX	D MAX	GLAND CLOSED	ØG OPEN	L MAX	ID MIN	OD MAX	P MIN
8	33.73	6.58	15.44	48.82	21.03	3.18	57.68	21.03	4.29	5.84	36.91	8.05	15.44	6.35
10	33.73	9.12	18.64	48.82	22.63	4.78	57.68	22.63	5.21	7.92	39.91	11.02	18.64	6.35
12	33.73	11.91	21.79	48.82	25.81	7.92	61.24	25.81	8.59	11.23	36.91	13.92	21.79	6.35
14	33.73	14.96	24.99	48.82	28.98	9.53	66.01	28.98	10.57	13.69	36.91	17.09	24.99	6.35
16	33.73	18.47	28.19	51.99	30.56	12.70	74.75	30.56	13.97	15.65	36.91	20.27	28.19	6.35
18	33.73	19.79	31.34	52.78	37.31	15.88	80.57	37.31	15.24	17.07	36.91	22.83	31.34	6.35
20	38.89	22.89	34.54	59.54	37.31	15.88	91.69	37.31	16.13	18.97	42.47	26.01	34.54	6.35
22	38.89	25.63	37.69	59.54	42.06	19.05	95.66	42.06	17.02	21.49	42.47	29.18	37.69	6.35
24	40.49	28.52	40.89	61.11	44.45	20.32	101.22	44.45	19.30	22.69	44.04	32.36	40.89	6.35

Name	Material/Finish	Remarks
Back Shells & Clamps	Aluminum	"P" Class is Nylon
Screws	Stainless Steel	
Washers	Stainless Steel	F & J Back Shells
Grommets/O-Rings	Neoprene	
Gland Seal	Silicone	

UNLESS NOTED
TOLERANCES ARE:
.X ± 0.38
.XX ± 0.25
ANGLES ± 1°

THIRD ANGLE
PROJECTION



1170 S. PATTON ST.
XENIA, OHIO 45385
PH: (937) 374-2700
FX: (937) 374-2717

UNIT: mm	DRWN: RLM	THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF SPI AND SHALL NOT BE COPIED, USED OR RE-PRODUCED WITHOUT PERMISSION.	TITLE MIL-DTL-26482 Wall Mount Receptacle	
SCALE: NTS	DATE: 01/29/14		S P I P / N: MS3110XXX-XXXX	
	CHK'D: RLM		REV: B	
SHEET: 2 OF 2	APV'D: RLM		CUSTOMER P / N:	

REVISIONS LIST				
REV	ECO #	DESCRIPTION	DATE	APV'D
A		Initial Release		
B		Updated Back Shell Materials	08/23/23	RLM

SPECIFICATIONS

Mechanical

Engagement Force-Torque (Max)	.902-4.97 N-m
Disengagement Force-Torque (Min)	.113-.791 N-m
Durability	500 Cycles
Insert Retention	5.3 Kg/cm ²
Contact Retention (Min)	
20 Gauge	67 N
16 Gauge	113 N
Contact Engagement Force (Max)	
20 Gauge	5.0 N
16 Gauge	8.34 N
Contact Separation Force (Min)	
20 Gauge	.195 N
16 Gauge	.556 N

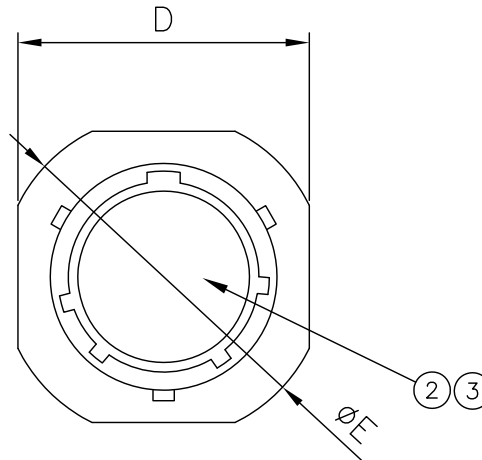
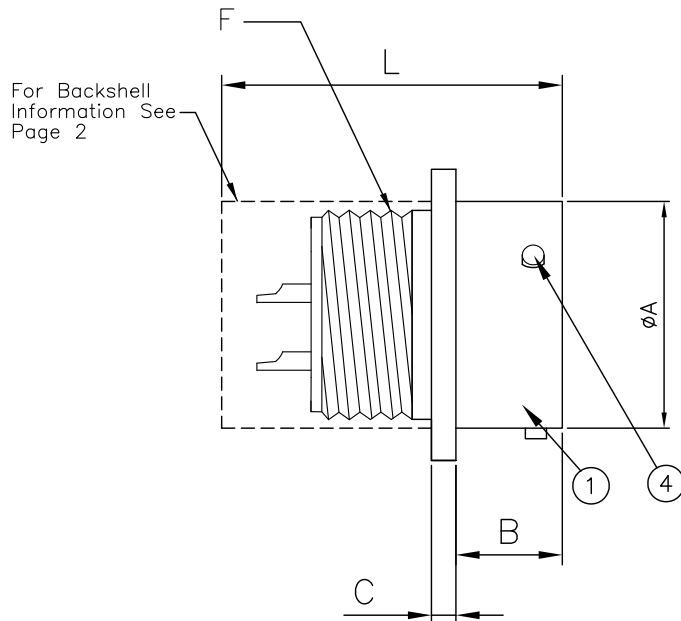
Electrical

Current Rating (Max)	
20 Gauge	7.5A
16 Gauge	22.0A
Contact Resistance	As specified in Table VII
	MIL-DTL-26482
Insulation Resistance (@500 VDC)	
(25°C)	5000 MΩ
Short Time (125°C)	3 MΩ
Long Time (105°C)	12 MΩ
Dielectric Withstanding Voltage (Working)	
SL (Service Rating I)	600 VAC (rms)
(Service Rating II)	1000 VAC (rms)
70,000 Ft (Service Rating I)	300 VAC (rms)
(Service Rating II)	450 VAC (rms)

Environmental

Operating Temperature	-55°C - +125°C
Air Leakage (@2.11 Kg/cm ²)	<4.55X10 ⁻³ cm ³ /s
Salt Spray (@35°C)	48 Hrs
Vibration (10-2000Hz)	12 Hrs
Shock (Peak Acceleration)	490 m/s ² (50g's)

NOTE: Service Rating is identified on each insert arrangement

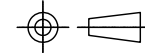


Shell Size	A MAX	B +0.79 -0.00	C ±0.41	D MAX	E ±0.51	F THREAD (UNEF2A)
8	12.04	10.16	2.39	21.03	23.83	.4375-28
10	15.01	10.16	2.39	24.23	26.97	.5625-24
12	19.08	10.16	2.39	26.59	29.36	.6875-24
14	22.25	10.16	2.39	28.98	31.75	.8125-20
16	25.43	10.16	2.39	31.34	34.14	.9375-20
18	28.60	10.16	2.39	33.73	36.53	1.0625-18
20	31.78	13.59	2.92	36.91	39.67	1.1875-18
22	34.95	13.59	2.92	40.08	42.88	1.3125-18
24	38.12	14.17	2.92	43.18	46.02	1.4375-18

No.	Name	Material/Finish	Remarks
1	Shell	Aluminum	
2	Insert	Neoprene	
3	Contact	Copper Alloy	Ni 100μ" - Au 50μ"
4	Locking Post	304 Stainless Steel	

UNLESS NOTED
TOLERANCES ARE:
.X ± 0.38
.XX ± 0.25
ANGLES ± 1°

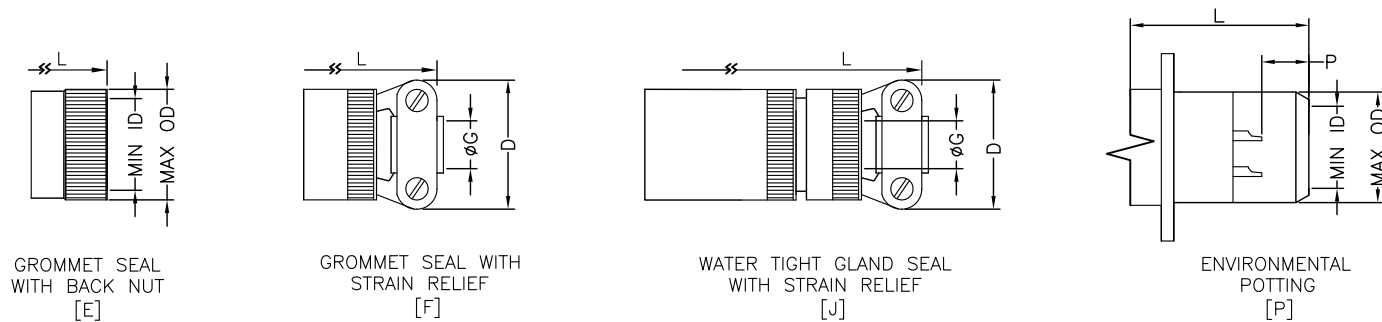
THIRD ANGLE
PROJECTION



1170 S. PATTON ST.
XENIA, OHIO 45385
PH: (937) 374-2700
FX: (937) 374-2717

UNIT: mm	DRWN: RLM	THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF SPI AND SHALL NOT BE COPIED, USED OR RE- PRODUCED WITHOUT PERMISSION.	TITLE MIL-DTL-26482 Cable Mount Receptacle	
SCALE: NTS	DATE: 01/29/14		S P I P / N : MS3111XXX-XXXX	
	CHK'D: RLM		REV: B	
SHEET: 1 OF 2	APV'D: RLM		CUSTOMER P / N:	

R E V I S I O N S L I S T				
R E V	E C O #	D E S C R I P T I O N	D A T E	A P V ' D
A		Initial Release		
B		Updated Back Shell Materials	08/23/23	RLM

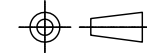


	CLASS E			CLASS F			CLASS J				CLASS P			
Shell Size	L MAX	ID MIN	OD MAX	L MAX	D MAX	ØG ±.254	L MAX	D MAX	GLAND CLOSED	ØG OPEN	L MAX	ID MIN	OD MAX	P MIN
8	33.73	6.58	15.44	48.82	21.03	3.18	57.68	21.03	4.29	5.84	36.91	8.05	15.44	6.35
10	33.73	9.12	18.64	48.82	22.63	4.78	57.68	22.63	5.21	7.92	39.91	11.02	18.64	6.35
12	33.73	11.91	21.79	48.82	25.81	7.92	61.24	25.81	8.59	11.23	36.91	13.92	21.79	6.35
14	33.73	14.96	24.99	48.82	28.98	9.53	66.01	28.98	10.57	13.69	36.91	17.09	24.99	6.35
16	33.73	18.47	28.19	51.99	30.56	12.70	74.75	30.56	13.97	15.65	36.91	20.27	28.19	6.35
18	33.73	19.79	31.34	52.78	37.31	15.88	80.57	37.31	15.24	17.07	36.91	22.83	31.34	6.35
20	38.89	22.89	34.54	59.54	37.31	15.88	91.69	37.31	16.13	18.97	42.47	26.01	34.54	6.35
22	38.89	25.63	37.69	59.54	42.06	19.05	95.66	42.06	17.02	21.49	42.47	29.18	37.69	6.35
24	40.49	28.52	40.89	61.11	44.45	20.32	101.22	44.45	19.30	22.69	44.04	32.36	40.89	6.35

Name	Material/Finish	Remarks
Back Shells & Clamps	Aluminum	"P" Class is Nylon
Screws	Stainless Steel	
Washers	Stainless Steel	F & J Back Shells
Grommets/O-Rings	Neoprene	
Gland Seal	Silicone	

UNLESS NOTED
TOLERANCES ARE:
.X ± 0.38
.XX ± 0.25
ANGLES ± 1°

THIRD ANGLE
PROJECTION



1170 S. PATTON ST.
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U N I T : mm	D R W N : RLM	THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF SPI AND SHALL NOT BE COPIED, USED OR RE- PRODUCED WITHOUT PERMISSION.	T I T L E	
S C A L E : NTS	D A T E : 01/29/14		MIL-DTL-26482 Cable Mount Receptacle	
	C H K ' D : RLM		S P I P / N : MS3111XXX-XXXX	R E V : B
S H E E T : 2 OF 2	A P V ' D : RLM		C U S T O M E R P / N :	

REVISIONS LIST				
REV	ECO #	DESCRIPTION	DATE	APV'D
A		Initial Release		

SPECIFICATIONS

Mechanical

Engagement Force-Torque (Max)	.902-4.97 N-m
Disengagement Force-Torque (Min)	.113-.791 N-m
Durability	500 Cycles
Insert Retention	5.3 Kg/cm ²
Contact Retention (Min)	
20 Gauge	67 N
16 Gauge	113 N
Contact Engagement Force (Max)	
20 Gauge	5.0 N
16 Gauge	8.34 N
Contact Separation Force (Min)	
20 Gauge	.195 N
16 Gauge	.556 N

Electrical

Current Rating (Max)	
20 Gauge	7.5A
16 Gauge	22.0A
Contact Resistance	As specified in Table VII MIL-DTL-26482
Insulation Resistance (@500 VDC)	
(25°C)	5000 MΩ
Short Time (125°C)	3 MΩ
Long Time (105°C)	12 MΩ
Dielectric Withstanding Voltage (Working)	
SL (Service Rating I)	600 VAC (rms)
(Service Rating II)	1000 VAC (rms)
70,000 Ft (Service Rating I)	300 VAC (rms)
(Service Rating II)	450 VAC (rms)

Environmental

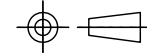
Operating Temperature	-55°C - +125°C
Air Leakage (@2.11 Kg/cm ²)	<4.55X10 ⁻³ cm ³ /s
Salt Spray (@35°C)	48 Hrs
Vibration (10-2000Hz)	12 Hrs
Shock (Peak Acceleration)	490 m/s ² (50g's)

NOTE: Service Rating is identified on each insert arrangement

No.	Name	Material/Finish	Remarks
1	Shell	Aluminum	
2	Insert	Neoprene	
3	Contact	Copper Alloy	Ni 100μ" - Au 50μ"
4	Locking Post	304 Stainless Steel	

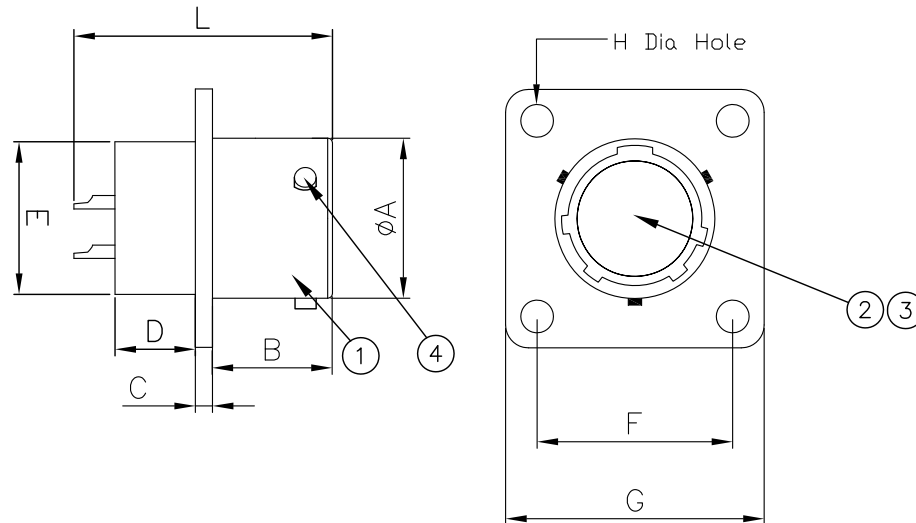
UNLESS NOTED
TOLERANCES ARE:
.X ± 0.38
.XX ± 0.25
ANGLES ± 1°

THIRD ANGLE
PROJECTION

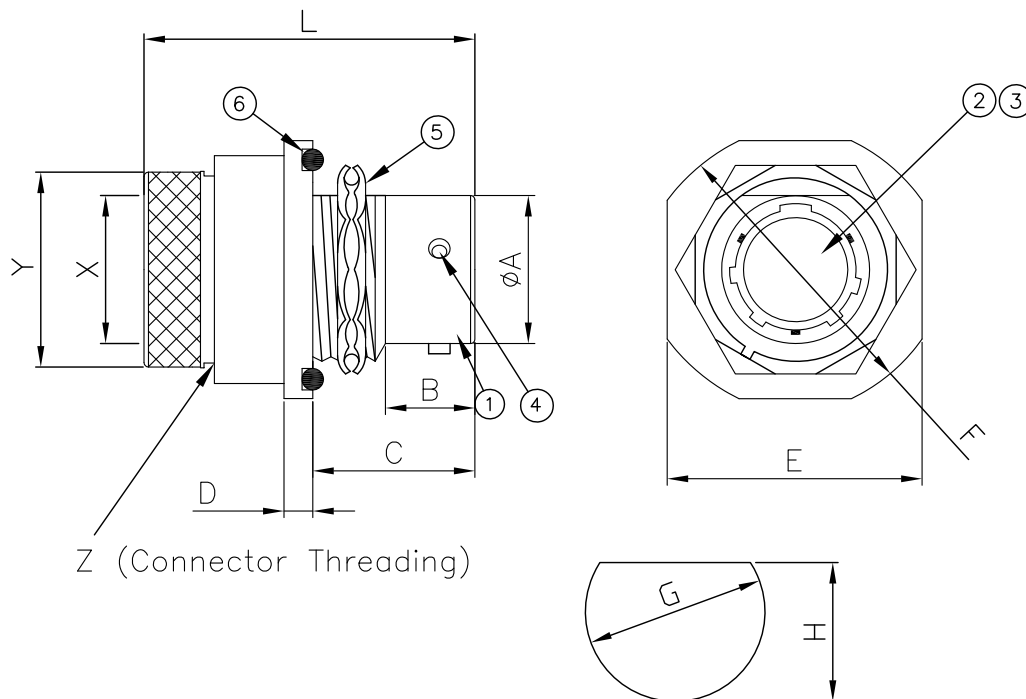


1170 S. PATTON ST.
XENIA, OHIO 45385
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FX: (937) 374-2717

UNIT: mm	DRWN: RLM	THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF SPI AND SHALL NOT BE COPIED, USED OR RE- PRODUCED WITHOUT PERMISSION.	TITLE	
SCALE: NTS	DATE: 01/29/14		MIL-DTL-26482 Box Mount Receptacle	
	CHK'D: RLM		SPI P / N: MS3112EXX-XXXX	REV: A
SHEET: 1 OF 1	APV'D: RLM		CUSTOMER P / N:	



Shell Size	A MAX	B +0.79 -0.00	C ±0.41	D MAX	E +0.79 -0.41	F TP	G MAX	H ±0.127	L MAX
8	12.04	10.95	1.57	8.99	11.12	15.09	21.03	3.05	24.84
10	15.01	10.95	1.57	8.99	14.27	18.26	24.23	3.05	24.84
12	19.08	10.95	1.57	8.99	17.48	20.62	26.59	3.05	24.84
14	22.25	10.95	1.57	8.99	20.62	23.01	28.98	3.05	24.84
16	25.43	10.95	1.57	8.99	23.83	24.61	31.34	3.05	24.84
18	28.60	10.95	1.57	8.99	26.97	26.97	33.73	3.05	24.84
20	31.78	14.12	2.39	10.59	30.17	29.36	36.91	3.05	30.38
22	34.95	14.12	2.39	10.59	33.32	31.75	40.08	3.05	30.38
24	38.12	14.96	2.39	11.30	36.53	34.93	43.26	3.73	30.38



Panel Cut Out

Shell Size	A MAX	B MIN	C +0.79 -0.0	D ±0.51	E MAX	F +0.00 -0.81	G +0.254 -0.127	H +0.254 -0.127	L MAX	X ID MIN	Y OD MAX	Z UNEF-2B	Panel Thickness (REF) Min Max	
8	12.04	9.75	17.55	2.97	24.23	27.38	14.53	13.72	34.14	6.83	19.05	.625-24	1.57	3.18
10	15.01	9.75	17.55	2.97	27.38	30.56	17.70	16.89	34.14	9.12	22.23	.750-20	1.57	3.18
12	19.08	9.75	17.55	2.97	32.16	35.33	22.48	21.20	34.14	11.91	25.40	.875-20	1.57	3.18
14	22.25	9.75	17.55	2.97	35.33	38.51	25.65	24.18	34.14	14.96	28.58	1.000-20	1.57	3.18
16	25.43	9.75	17.55	2.97	38.51	41.68	28.83	27.33	34.14	18.21	31.75	1.120-18	1.57	3.18
18	28.60	9.75	17.55	2.97	41.68	44.86	32.00	30.51	34.14	19.79	34.93	1.250-18	1.57	3.18
20	31.78	11.33	22.33	3.76	46.43	49.63	35.18	33.69	40.49	22.89	38.89	1.375-18	1.57	6.35
22	34.95	11.33	22.33	3.76	49.63	52.78	38.35	36.86	40.94	25.63	42.06	1.500-18	1.57	6.35
24	38.12	12.17	23.16	3.76	52.78	55.96	41.53	40.03	41.68	28.52	45.24	1.625-18	1.57	6.35

REVISIONS LIST				
REV	ECO #	DESCRIPTION	DATE	APV'D
A		Initial Release		
B		Changed Jam Nut to Alternate Configuration	08/13/15	RLM
C		Added Back Shell Dimensions & Connector Threading	09/27/21	RLM

SPECIFICATIONS

Mechanical

Engagement Force-Torque (Max)	.902-4.97 N-m
Disengagement Force-Torque (Min)	.113-.791 N-m
Durability	500 Cycles
Insert Retention	5.3 Kg/cm ²
Contact Retention (Min)	
20 Gauge	67 N
16 Gauge	113 N
Contact Engagement Force (Max)	
20 Gauge	5.0 N
16 Gauge	8.34 N
Contact Separation Force (Min)	
20 Gauge	.195 N
16 Gauge	.556 N

Electrical

Current Rating (Max)	
20 Gauge	7.5A
16 Gauge	22.0A
Contact Resistance	As specified in Table VII MIL-DTL-26482
Insulation Resistance (@500 VDC)	
(25°C)	5000 MΩ
Short Time (125°C)	3 MΩ
Long Time (105°C)	12 MΩ
Dielectric Withstanding Voltage (Working)	
SL (Service Rating I)	600 VAC (rms)
(Service Rating II)	1000 VAC (rms)
70,000 Ft (Service Rating I)	300 VAC (rms)
(Service Rating II)	450 VAC (rms)

Environmental

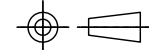
Operating Temperature	-55°C - +125°C
Air Leakage (@2.11 Kg/cm ²)	<4.55X10 ⁻³ cm ³ /s
Salt Spray (@35°C)	48 Hrs
Vibration (10-2000Hz)	12 Hrs
Shock (Peak Acceleration)	490 m/s ² (50g's)

NOTE: Service Rating is identified on each insert arrangement

No.	Name	Material/Finish	Remarks
1	Shell	Aluminum	
2	Insert	Neoprene	
3	Contact	Copper Alloy	Ni 100μ" - Au 50μ"
4	Locking Post	304 Stainless Steel	
5	Jam Nut	Aluminum	
6	Gasket Ring	Neoprene	

UNLESS NOTED
TOLERANCES ARE:
.X ± 0.38
.XX ± 0.25
ANGLES ± 1°

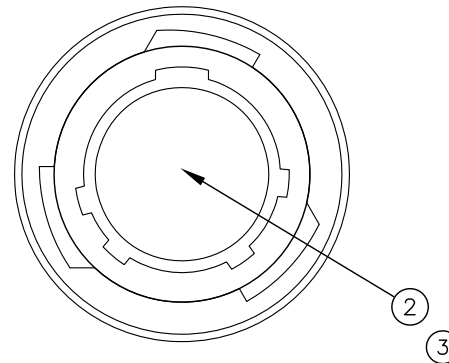
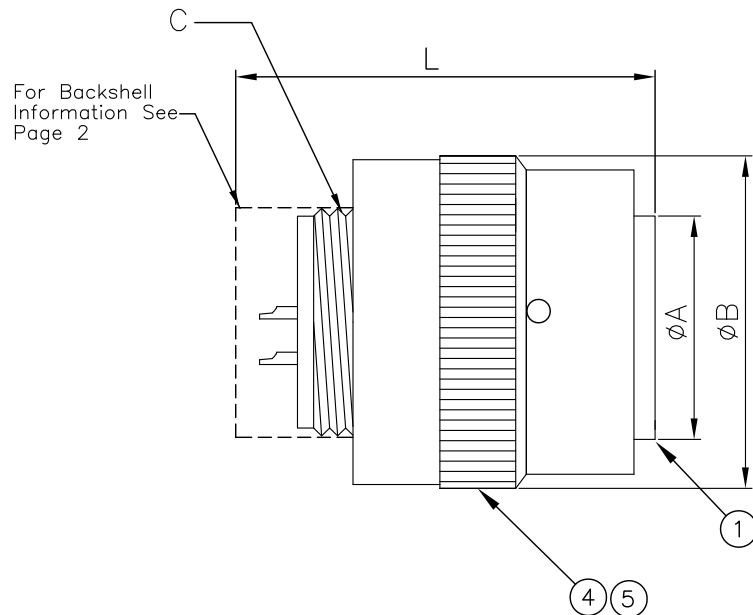
THIRD ANGLE
PROJECTION



1170 S. PATTON ST.
XENIA, OHIO 45385
PH: (937) 374-2700
FX: (937) 374-2717

UNIT: mm	DRWN: RLM	THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF SPI AND SHALL NOT BE COPIED, USED OR RE- PRODUCED WITHOUT PERMISSION.	TITLE MIL-DTL-26482 Jam Nut Receptacle	
SCALE: NTS	DATE: 01/29/14		S P I P / N : MS3114EXX-XXXX	
	CHK'D: RLM		REV: C	
SHEET: 1 OF 1	APV'D: RLM		CUSTOMER P / N:	

REVISIONS LIST				
REV	ECO #	DESCRIPTION	DATE	APV'D
A		Initial Release		
B		Updated Back Shell Materials	08/23/23	RLM



SPECIFICATIONS

Mechanical

Engagement Force-Torque (Max)	.902-4.97 N-m
Disengagement Force-Torque (Min)	.113-.791 N-m
Durability	500 Cycles
Insert Retention	5.3 Kg/cm ²
Contact Retention (Min)	
20 Gauge	67 N
16 Gauge	113 N
Contact Engagement Force (Max)	
20 Gauge	5.0 N
16 Gauge	8.34 N
Contact Separation Force (Min)	
20 Gauge	.195 N
16 Gauge	.556 N

Electrical

Current Rating (Max)	
20 Gauge	7.5A
16 Gauge	22.0A
Contact Resistance	As specified in Table VII
	MIL-DTL-26482
Insulation Resistance (@500 VDC)	
(25°C)	5000 MΩ
Short Time (125°C)	3 MΩ
Long Time (105°C)	12 MΩ
Dielectric Withstanding Voltage (Working)	
SL (Service Rating I)	600 VAC (rms)
(Service Rating II)	1000 VAC (rms)
70,000 Ft (Service Rating I)	300 VAC (rms)
(Service Rating II)	450 VAC (rms)

Environmental

Operating Temperature	-55°C - +125°C
Air Leakage (@2.11 Kg/cm ²)	<4.55X10 ⁻³ cm ³ /s
Salt Spray (@35°C)	48 Hrs
Vibration (10-2000Hz)	12 Hrs
Shock (Peak Acceleration)	490 m/s ² (50g's)

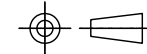
NOTE: Service Rating is identified on each insert arrangement

Shell Size	A Max	B MAX	C THREAD (UNEF2A)
8	9.09	19.86	.4375-28
10	12.34	23.52	.5625-24
12	15.19	26.49	.6875-24
14	18.36	30.05	.8125-20
16	21.54	33.15	.9375-20
18	24.08	35.33	1.0625-18
20	27.25	38.89	1.1875-18
22	30.43	42.06	1.3125-18
24	33.60	45.14	1.4375-18

No.	Name	Material/Finish	Remarks
1	Shell	Aluminum	
2	Insert	Neoprene	
3	Contact	Copper Alloy	Ni 100μ" - Au 50μ"
4	Coupling Nut	Aluminum	
5	Spring	Steel	

UNLESS NOTED
TOLERANCES ARE:
.X ± 0.38
.XX ± 0.25
ANGLES ± 1°

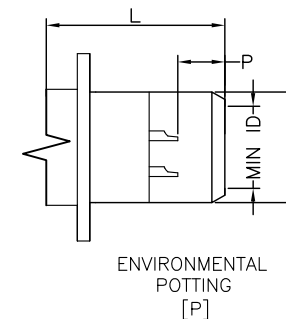
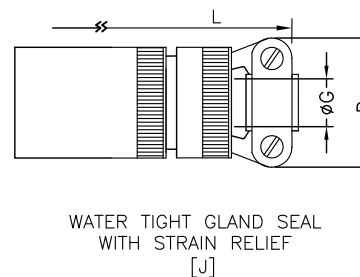
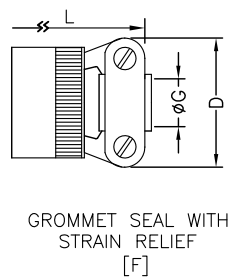
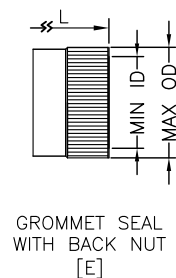
THIRD ANGLE
PROJECTION



1170 S. PATTON ST.
XENIA, OHIO 45385
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FX: (937) 374-2717

UNIT: mm	DRWN: RLM	THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF SPI AND SHALL NOT BE COPIED, USED OR RE-PRODUCED WITHOUT PERMISSION.	TITLE	
SCALE: NTS	DATE: 01/29/14		MIL-DTL-26482 Straight Plug	
	CHK'D: RLM		SPI P / N: MS3116XXX-XXXX	REV: B
SHEET: 1 OF 1	APV'D: RLM		CUSTOMER P / N:	

REVISIONS LIST				
REV	ECO #	DESCRIPTION	DATE	APV'D
A		Initial Release		
B		Updated Back Shell Materials	08/23/23	RLM

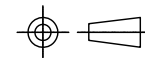


Shell Size	CLASS E			CLASS F			CLASS J				CLASS P			
	L MAX	ID MIN	OD MAX	L MAX	D MAX	ØG ±.254	L MAX	D MAX	GLAND CLOSED	ØG OPEN	L MAX	ID MIN	OD MAX	P MIN
8	33.73	6.58	15.44	48.82	21.03	3.18	57.68	21.03	4.29	5.84	36.91	8.05	15.44	6.35
10	33.73	9.12	18.64	48.82	22.63	4.78	57.68	22.63	5.21	7.92	39.91	11.02	18.64	6.35
12	33.73	11.91	21.79	48.82	25.81	7.92	61.24	25.81	8.59	11.23	36.91	13.92	21.79	6.35
14	33.73	14.96	24.99	48.82	28.98	9.53	66.01	28.98	10.57	13.69	36.91	17.09	24.99	6.35
16	33.73	18.47	28.19	51.99	30.56	12.70	74.75	30.56	13.97	15.65	36.91	20.27	28.19	6.35
18	33.73	19.79	31.34	52.78	37.31	15.88	80.57	37.31	15.24	17.07	36.91	22.83	31.34	6.35
20	38.89	22.89	34.54	59.54	37.31	15.88	91.69	37.31	16.13	18.97	42.47	26.01	34.54	6.35
22	38.89	25.63	37.69	59.54	42.06	19.05	95.66	42.06	17.02	21.49	42.47	29.18	37.69	6.35
24	40.49	28.52	40.89	61.11	44.45	20.32	101.22	44.45	19.30	22.69	44.04	32.36	40.89	6.35

Name	Material/Finish	Remarks
Back Shells & Clamps	Aluminum	"P" Class is Nylon
Screws	Stainless Steel	
Washers	Stainless Steel	F & J Back Shells
Grommets/O-Rings	Neoprene	
Gland Seal	Silicone	

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ANGLES ± 1°

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PROJECTION



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SCALE: NTS	DATE: 01/29/14		MIL-DTL-26482 Straight Plug	
	CHK'D: RLM		SPI P / N: MS3116XXX-XXXX	REV: B
SHEET: 2 OF 2	APV'D: RLM		CUSTOMER P / N:	