

MIL-DTL-26482

SERIES II



GENERAL SPECIFICATIONS

Rear release contact retention system.
9 shell sizes (8 to 24) in 49 insert arrangements utilizing contact sizes 20, 16, and 12 gage crimp contacts per MIL-C-39029.
Bayonet coupling mechanism.
Polarization by insert rotation, per MIL-STD-1669.
Operating temperature range:
-55 degrees C (-67 degrees F) to 200 degrees C (392 degrees F).
Uses high reliability metal contact retention clips.

Environmental Fluorosilicone Elastomers

Refer to page 96 for additional contact and tooling information.

VOLTAGE RATING

ALTITUDE

WORKING VOLTAGE, AC, RMS

Condition	Service Rating I	Service Rating II	Service Rating Shielded
Sea Level	600	1000	500 volts, dc
70,000 ft.	300	450	---

The following insert arrangements have a Service Rating II.
12-3 14-5 16-8 18-11 20-16 22-21 24-19
All others have a Service Rating I.

CONTACTS

Gage	Military Part Number	Wire Range	Test Current
20	M39029/4-110 PIN	20-24	7.5 amps
	M39029/5-115 SOCKET		
16	M39029/4-111 PIN	16-20	13.0 amps
	M39029/5-116 SOCKET		
12	M39029-4-113 PIN	12-14	23 amps
	M39029-5-118 SOCKET		

INSTALLING / REMOVING TOOLS (PLASTIC)

Gage	Military Part Number	Size
20	M81969/14-11	20
16	M81969/14-03	16
12	M81969/14-04	12

SEALING PLUGS

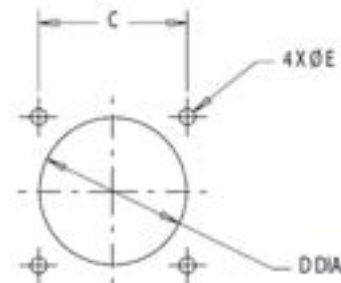
Military Part Number
M527488-20-2
M527488-16-2
M527488-12-2

MIL-DTL-26482 SERIES 2

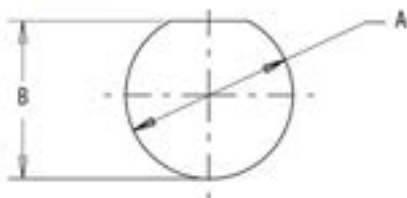
RECEPTACLE PANEL CUTOUTS

M3470 RECEPTACLE, NARROW FLANGE

M3472 RECEPTACLE, WIDE FLANGE

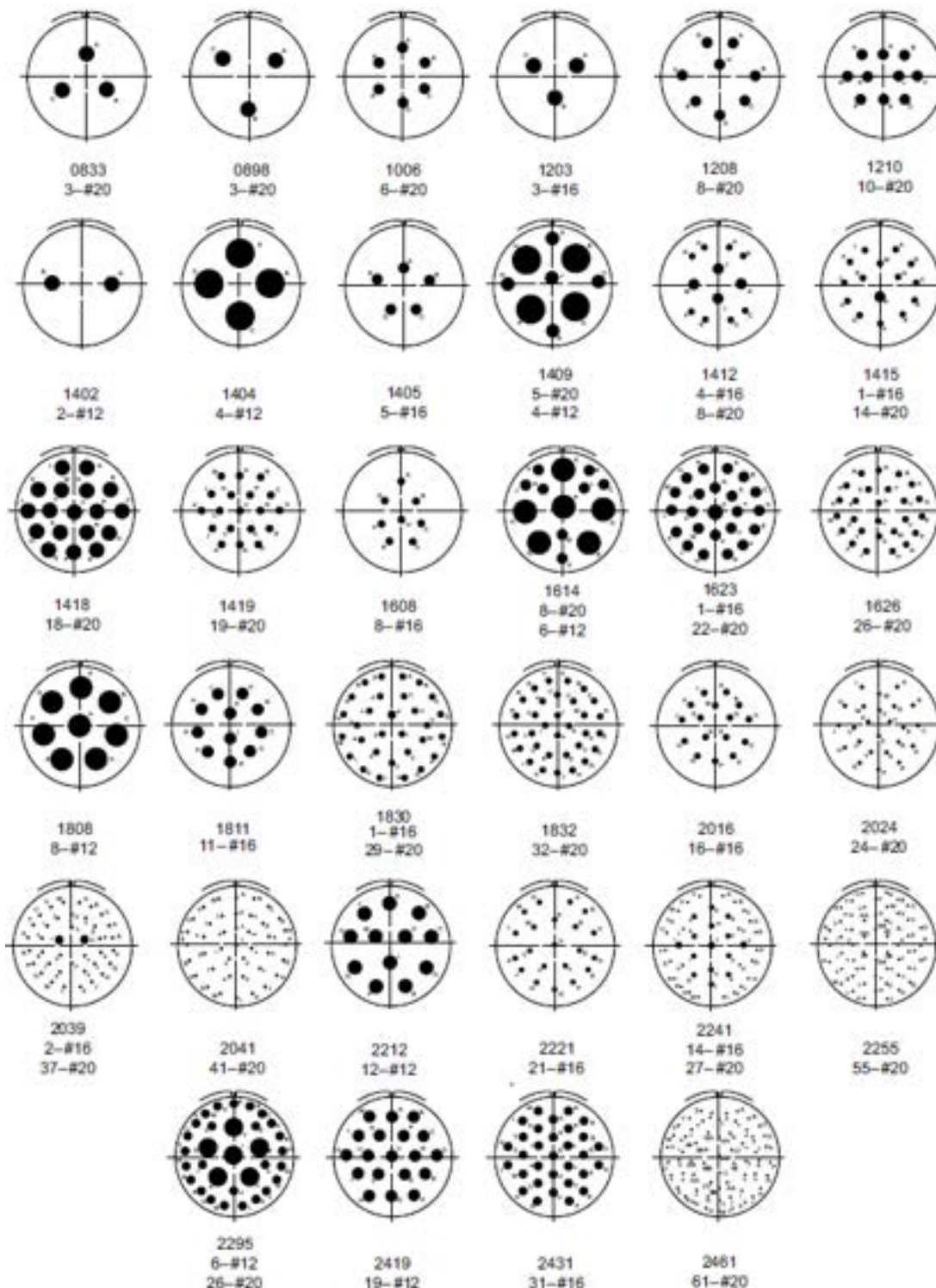


MS3474 RECEPTACLE, JAM NUT



Shell Size	Jam Nut Receptacle A ± .005 B ± .005		Square Flange Mount Receptacles			
			Narrow Flange C ± .005	Wide Flange C ± .005	DIA D ± .005	DIA E ± .005
8	0.572	0.536	0.594	0.734	0.568	0.120
10	0.697	0.661	0.719	0.812	0.685	0.120
12	0.895	0.824	0.812	0.938	0.864	0.120
14	1.010	0.948	0.906	1.031	0.989	0.120
16	1.135	1.072	0.969	1.125	1.113	0.120
18	1.260	1.197	1.062	1.203	1.238	0.120
20	1.385	1.322	1.156	1.297	1.363	0.120
22	1.510	1.447	1.250	1.375	1.488	0.120
24	1.635	1.572	1.375	1.500	1.615	0.147

MIL-DTL-26482 SERIES 2 INSERT PATTERNS PER MIL-STD-1669
CAVITY IDENTIFICATION SHOWN FOR FRONT FACE
OF PIN AND REAR FACE OF SOCKET INSERTS



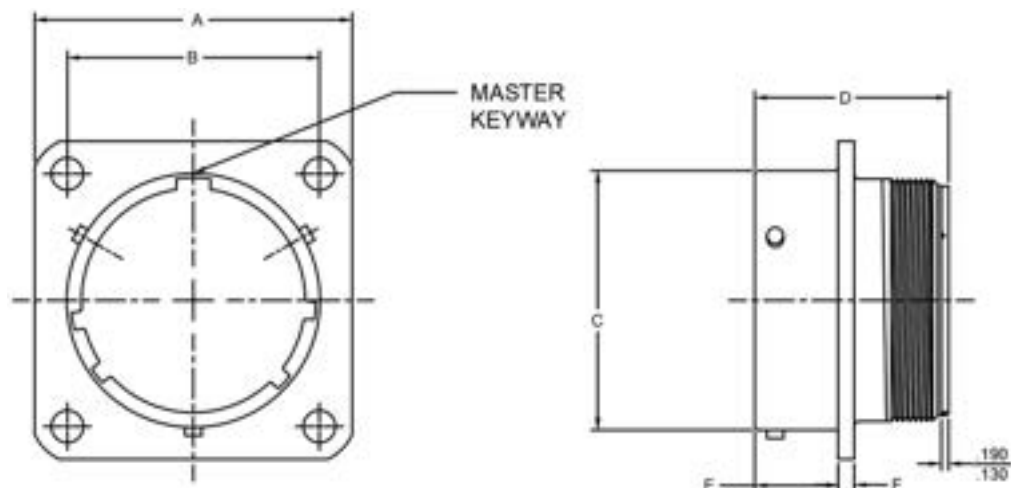
MS3470

MIL-DTL-26482

SERIES II



MIL-DTL-26482
SERIES II



SHELL SIZE	A Max.	B ±.005	C -.006	D Max.	E -.031	F ±.016	G Accessory Thread
8	0.828	0.594	0.474	1.215	0.462	0.062	1/2-20 UNF 2A
10	0.954	0.719	0.591	1.215	0.462	0.062	5/8-24 UNEF 2A
12	1.047	0.812	0.751	1.215	0.462	0.062	3/4-20 UNEF 2A
14	1.141	0.906	0.876	1.215	0.462	0.062	7/8-20 UNEF 2A
16	1.234	0.969	1.001	1.215	0.462	0.062	1-20 UNEF 2A
18	1.328	1.062	1.126	1.215	0.462	0.062	1 1/16-16 UNEF 2A
20	1.453	1.156	1.251	1.275	0.587	0.094	1 3/16-16 UNEF 2A
22	1.578	1.250	1.376	1.275	0.587	0.094	1 5/16-16 UNEF 2A
24	1.703	1.375	1.501	1.275	0.620	0.094	1 7/16 - 18 UNEF 2A

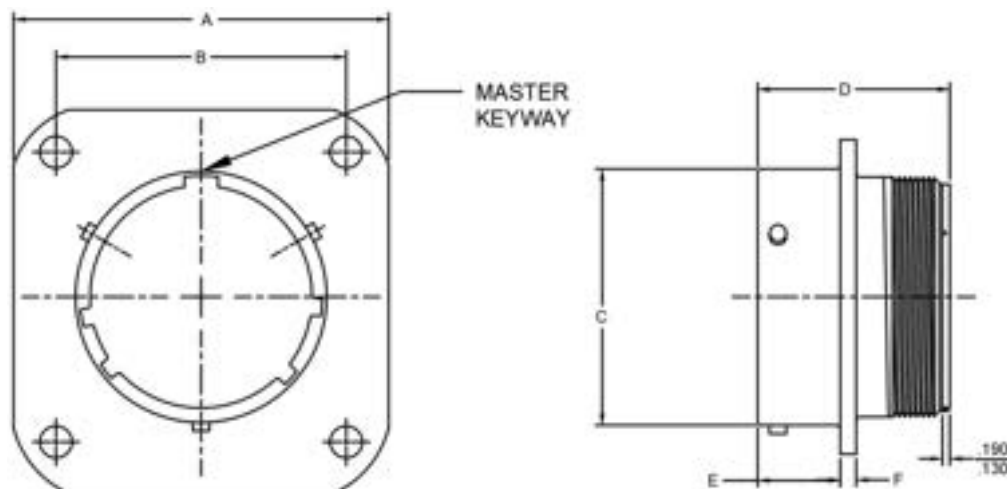
MS3472

MIL-DTL-26482

SERIES II



MIL-DTL-26482
SERIES II



Shell Size	A Max.	B ±.005	C -.006	D Max.	E -.031	F ±.016	G Accessory Thread
8	1.065	0.734	0.474	1.215	0.493	0.062	1/2-20 UNF 2A
10	1.141	0.812	0.591	1.215	0.493	0.062	5/8-24 UNEF 2A
12	1.266	0.938	0.751	1.215	0.493	0.062	3/4-20 UNEF 2A
14	1.360	1.031	0.876	1.215	0.493	0.062	7/8-20 UNEF 2A
16	1.453	1.125	1.001	1.215	0.493	0.062	1-20 UNEF 2AS
18	1.532	1.203	1.126	1.215	0.493	0.062	1 1/16-16 UNEF 2A
20	1.688	1.297	1.251	1.275	0.587	0.094	1 3/16-16 UNEF 2A
22	1.766	1.375	1.376	1.275	0.587	0.094	1 5/16-16 UNEF 2A
24	1.891	1.500	1.501	1.275	0.620	0.094	1 7/16 - 18 UNEF 2A

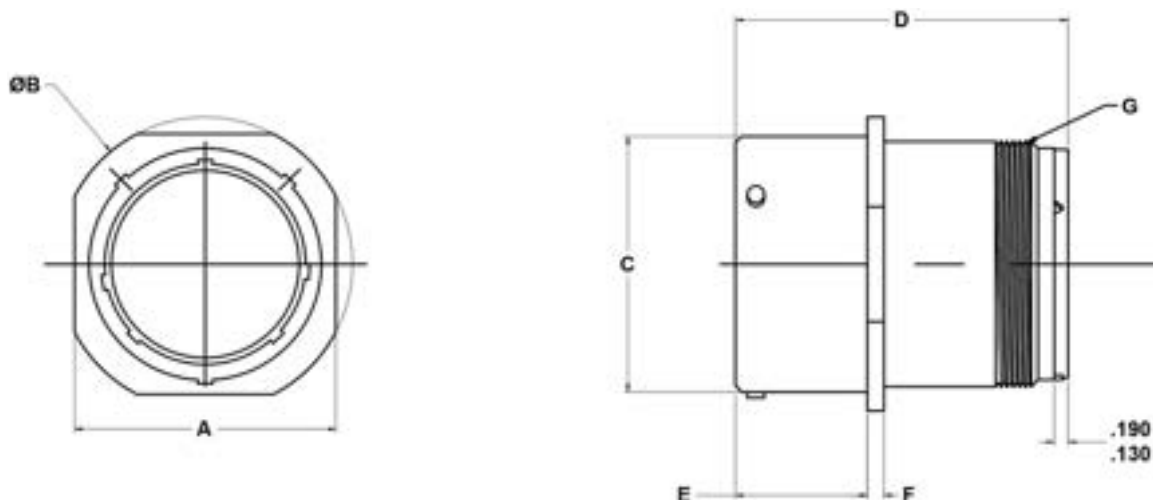
MS3471

MIL-DTL-26482

SERIES II



MIL-DTL-26482
SERIES II



SHELL SIZE	A Max.	B $\pm .020$	C $-.003$	D Max.	E	F $\pm .016$	G Accessory Thread
8	0.828	0.938	0.471	1.405	0.462/.431	0.062	1/2-20 UNF 2A
10	0.954	1.062	0.588	1.405	0.462/.431	0.062	5/8-24 UNEF 2A
12	1.047	1.156	0.748	1.405	0.462/.431	0.062	3/4-20 UNEF 2A
14	1.141	1.250	0.873	1.405	0.462/.431	0.062	7/8-20 UNEF 2A
16	1.234	1.344	0.998	1.405	0.462/.431	0.062	1-20 UNEF 2A
18	1.328	1.438	1.123	1.405	0.462/.431	0.062	1 1/16-16 UNEF 2A
20	1.453	1.562	1.248	1.465	0.587/.556	0.094	1 3/16-16 UNEF 2A
22	1.578	1.688	1.373	1.465	0.587/.556	0.094	1 5/16-16 UNEF 2A
24	1.703	1.812	1.498	1.465	0.620/.589	0.094	1 7/16 - 18 UNEF 2A

CAGE Code: 1R6R9

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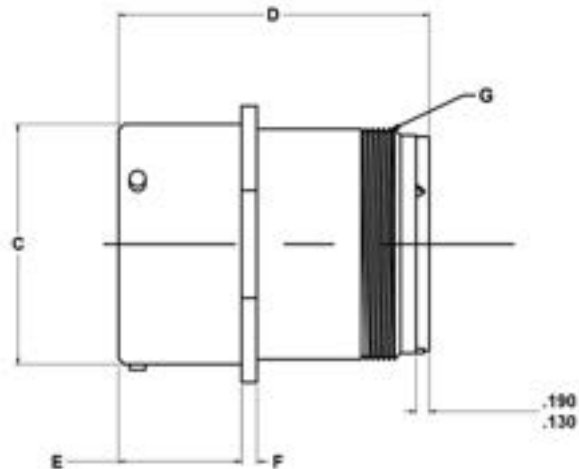
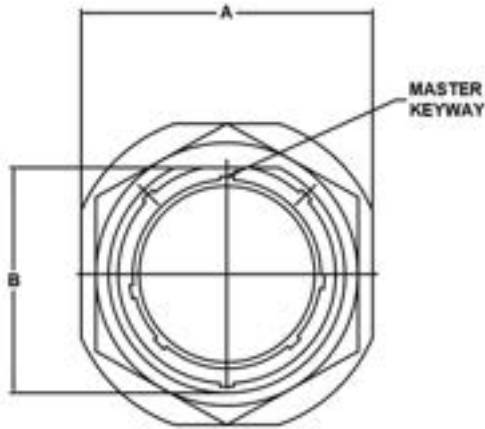
MS3474

MIL-DTL-26482

SERIES II



MIL-DTL-26482
SERIES II



Shell Size	A Max.	B ±.020	C -.003	D	E	F ±.016	G Accessory Thread	H Mounting Thread
8	0.954	0.525	0.468	0.707 0.658	0.113 0.086	1.405	1/2-20 UNF 2A	9/16-24 UNEF 2A
10	1.078	0.650	0.585			1.405	5/8-24 UNEF 2A	11/16-24 UNEF 2A
12	1.266	0.813	0.745			1.405	3/4-20 UNEF 2A	7/8-20 UNEF 2A
14	1.391	0.937	0.870			1.405	7/8-20 UNEF 2A	1-20 UNEF 2A
16	1.516	1.061	0.995			1.405	1-20 UNEF 2A	1 1/8-18 UNEF 2A
18	1.641	1.186	1.220			1.405	1 1/16-16 UNEF 2A	1 1/4-18 UNEF 2A
20	1.828	1.311	1.245	0.772 0.721	0.148 0.096	1.465	1 3/16-16 UNEF 2A	1 3/8-18 UNEF 2A
22	1.954	1.436	1.370			1.465	1 5/16-16 UNEF 2A	1 1/2 - 18 UNEF 2A
24	2.078	1.561	1.495			1.465	1 7/16 - 18 UNEF 2A	1 5/8 - 18 UNEF 2A

CAGE Code: 1R6R9

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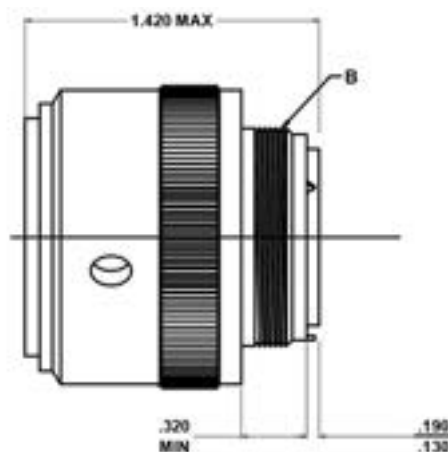
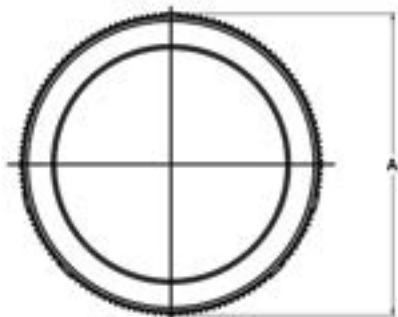
MS3475/MS3476

MIL-DTL-26482

SERIES II



MIL-DTL-26482
SERIES II



SHELL SIZE	A Max.	B Accessory Thread
8	0.782	1/2-20 UNF 2A
10	0.926	5/8-24 UNEF 2A
12	1.043	3/4-20 UNEF 2A
14	1.183	7/8-20 UNEF 2A
16	1.305	1-20 UNEF 2A
18	1.391	1 1/16-16 UNEF 2A
20	1.531	1 3/16-16 UNEF 2A
22	1.656	1 5/16-16 UNEF 2A
24	1.777	1 7/16 - 18 UNEF 2A

CAGE Code: 1R6R9

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MIL-DTL-26482

SERIES II



MIL-DTL-26482
SERIES II

MIL-C-26482 TYPE REAR RELEASE PLUGS

(Corsair CJ series intermateable with MIL-C-26482 Solder or Hermetic pin receptacles)

These three insert layouts, are not qualified to MIL-C-26482 Series 2. However, they are rear release and meet all of the appropriate parameters of Series 2, thus providing a higher level of environmental capabilities.



CONTACT AND TOOLING INFORMATION

Contact Part Number	Crimp Tool	Turret	Insertion/Removal Tool
SOCKET: 244-2001-009	M22520/1-01	M22520/1-02	M81969/14-01
PIN: 264-2001-009	or M22520/2-02	or M22520/2-02	

ORDERING NOMENCLATURE

