



# Allen Electric Connector Sales, inc.



## MIL-C-26482 Series II



SHELL SIZE	A MAX	B ±.005	C ±.005	D ±.005	E MAX	F -0.1	G +0.10	H MAX	J THREAD
8	.828	.564	.568	.120	1.215	.446	.052	.087	16-20 UNF
10	.954	.719	.685	.120	1.215	.446	.052	.087	16-20 UNF
12	1.047	.812	.684	.120	1.215	.446	.067	.087	16-20 UNF
14	1.141	.906	.689	.120	1.215	.446	.067	.087	16-20 UNF
16	1.234	1.000	.689	.120	1.215	.446	.067	.087	16-20 UNF

SHELL SIZE	A MAX	B ±.005	C ±.005	D ±.005	E MAX	F -0.1	G +0.10	H MAX	J THREAD
8	.828	.564	.568	.120	1.215	.446	.052	.087	16-20 UNF
10	.954	.719	.685	.120	1.215	.446	.052	.087	16-20 UNF
12	1.047	.812	.684	.120	1.215	.446	.067	.087	16-20 UNF
14	1.141	.906	.689	.120	1.215	.446	.067	.087	16-20 UNF
16	1.234	1.000	.689	.120	1.215	.446	.067	.087	16-20 UNF

The MIL-C-26482 Series II bayonet connectors are available in nine shell sizes with a choice of narrow or wide flanges, jam nut and cable connecting receptacles, and with RFI or standard plugs. These bayonet connectors are available in 49 insert arrangements, 20, 16, and 12 gauge contact sizes terminate wire gauges 24 through 12. The polysilicone resilient elastomers provide superior interface protection when exposed to a wide variety of fluids. The rear grommets incorporate redundant rear wiper seals around each wire. The hard plastic socket interface features the chamfered conical entry aiding in proper contact mating. The non-conductive black anodize surface treatment on the aluminum shells makes an exceptionally hard finish that prolongs the life of the connector.

### GENERAL SPECIFICATIONS

Environmental Fluorosilicone Elastomers	Operating Temperature Range: -55 degrees C (-67 degrees F) to 200 degrees C (392 degrees F)
Polarization: Insert Rotation	Voltage Service Rating: Service Rating I: 600 VAC at Sea Level, 300 VAC at 70,000 ft, Service Rating II: 1000 VAC at Sea Level, 450 VAC at 70,000 ft.
Contacts: Crimp type, Sizes 20, 16, and 12 gauge per MIL-C-39029	

### CONTACT INFORMATION

SHELL SIZE	A MAX	B ±.005	C ±.005	D ±.005	E MAX	F -0.1	G +0.10	H MAX	J THREAD
8	.828	.564	.568	.120	1.215	.446	.052	.087	16-20 UNF
10	.954	.719	.685	.120	1.215	.446	.052	.087	16-20 UNF
12	1.047	.812	.684	.120	1.215	.446	.067	.087	16-20 UNF
14	1.141	.906	.689	.120	1.215	.446	.067	.087	16-20 UNF
16	1.234	1.000	.689	.120	1.215	.446	.067	.087	16-20 UNF

Contact Size	Socket Contacts	Pin Contacts	Crimp Tool	Positioner or Turret	Sealing Plugs
12	M39029/5-118	M39029/4-113	M22520/1-01	M22520/1-02	MS27488-12
16	M39029/5-116	M39029/4-111	M22520/1-01	M22520/1-02	MS27488-16

20	M39029/5-115	M39029/4-110	M22520/1-01	M22520/1-02	MS27488-20
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## MILITARY PART NUMBERING SYSTEM

**MS3474**

**S 14 - 04 S X**

- Polarization (Blank for normal, Alternate positions W, X, Y or Z)
- Contact Style: P= Pins, S= Sockets, A= less Pins, B= less Sockets
- Insert Arrangement: Per MIL-STD-1669
- Shell Size: Even numbers 8 thru 24
- Class:
  - L = Aluminum shell, electroless nickel finish
  - A = Aluminum shell, anodized finish, black (not applicable to MS3475)
  - S = Stainless steel, passivated
  - W = Aluminum shell, olive drab cadmium plated
- MS Number: MS3470 Narrow flange receptacle  
 MS3471 Cable connecting receptacle  
 MS3472 Wide flange receptacle  
 MS3474 Jam nut mount receptacle  
 MS3475 RFI grounding Plug  
 MS3476 Standard Plug

[MIL-C-26482 Series II Polarizing Positions](#)

[MIL-C-26482 Insert Arrangements](#)

[MIL-C-26482 Type Rear Release Plugs](#)

[MS3470 Receptacle, Narrow Flange MTG., Bayonet Coupling, Class A, L, S, W](#)

[MS3471 Receptacle, Cable Connecting, Bayonet Coupling, Class A, L, S, W](#)

[MS3472 Receptacle, Wide Flange MTG., Bayonet Coupling, Class A, L, S, W](#)

[MS3474 Receptacle, Single Hole MTG., Bayonet Coupling, Class A, L, S, W](#)

[MS3475 Plug, RFI, Bayonet Coupling, Class L, S, W](#)

[MS3476 Plug, Bayonet Coupling, Class A, L, S, W](#)

SHELL SIZE	A MAX	B ±.005	C ±.005	D ±.005	E MAX	F -0.02	G +0.10	H MAX	J THREAD SA
8	.675	.564	.568	.120	1.275	.446	.062	.087	1/2-20 UNF
10	.875	.564	.585	.120	1.275	.446	.062	.087	5/8-24 UNEF
12	1.047	.612	.564	.120	1.275	.446	.062	.087	3/4-20 UNEF
14	1.141	.906	.969	.120	1.275	.446	.062	.087	7/8-20 UNEF
16	1.328	1.047	1.215	.120	1.275	.446	.062	.087	1-20 UNEF
18	1.328	1.047	1.215	.120	1.275	.446	.062	.087	1-1/16-18 UNF
20	1.493	1.100	1.215	.120	1.275	.446	.062	.087	1-3/16-18 UNEF
22	1.578	1.100	1.215	.120	1.275	.446	.062	.087	1-7/16-18 UNF
24	1.703	1.375	1.615	.120	1.275	.446	.062	.087	1-7/16-18 UNF



SHELL SIZE	A MAX
8	.675
10	.875
12	1.047
14	1.141
16	1.328
18	1.328
20	1.493
22	1.578
24	1.703

For pricing and availability, please fill out our RFQ form



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phone (760) 430-8357 or fax (760) 430-8359

We look forward to hearing from you!

SHELL SIZE	A MAX	B ±.005	C ±.005	D ±.005	E MAX	F -0.02	G +0.10	H MAX	J THREAD SA
8	.675	.564	.568	.120	1.275	.446	.062	.087	1/2-20 UNF
10	.875	.564	.585	.120	1.275	.446	.062	.087	5/8-24 UNEF
12	1.047	.612	.564	.120	1.275	.446	.062	.087	3/4-20 UNEF
14	1.141	.906	.969	.120	1.275	.446	.062	.087	7/8-20 UNEF
16	1.328	1.047	1.215	.120	1.275	.446	.062	.087	1-20 UNEF
18	1.328	1.047	1.215	.120	1.275	.446	.062	.087	1-1/16-18 UNF
20	1.493	1.100	1.215	.120	1.275	.446	.062	.087	1-3/16-18 UNEF
22	1.578	1.100	1.215	.120	1.275	.446	.062	.087	1-7/16-18 UNF
24	1.703	1.375	1.615	.120	1.275	.446	.062	.087	1-7/16-18 UNF



A Woman Owned Small Business, CAGE Code 07BG6



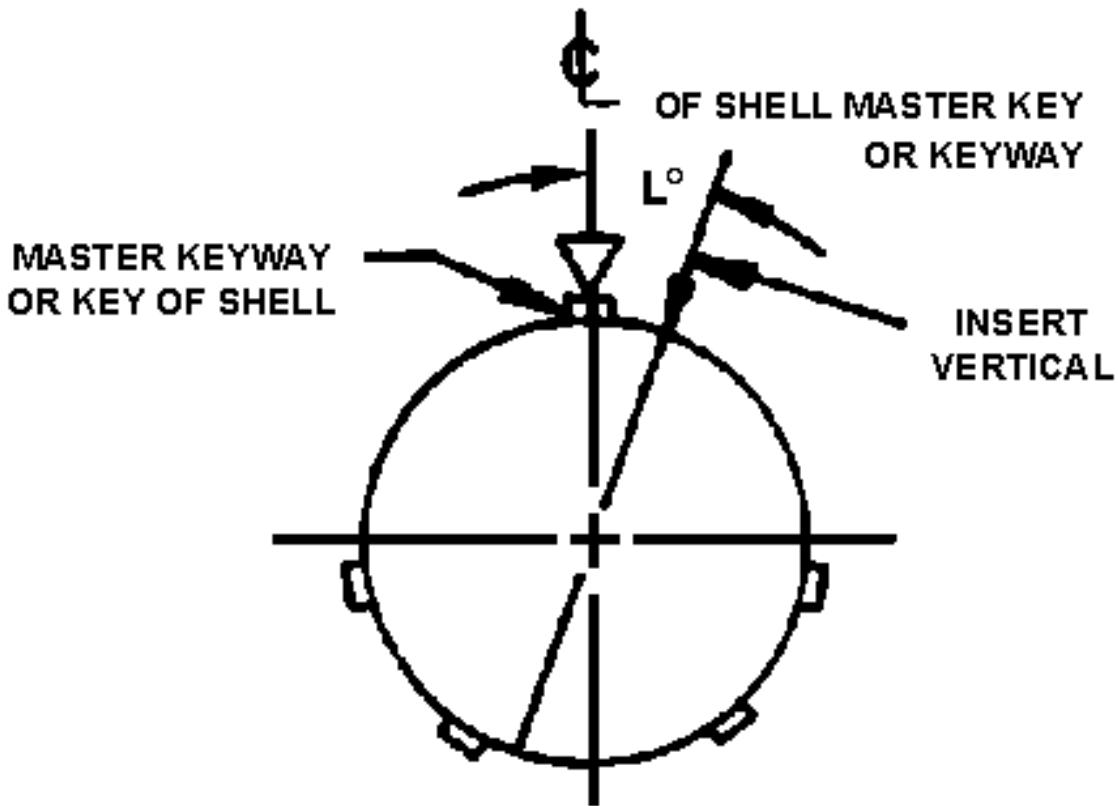
# Allen Electric Connector Sales, inc.

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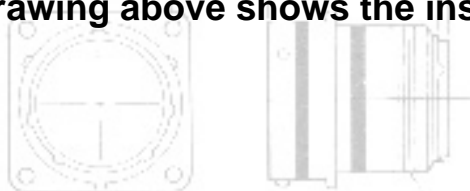
SHELL SIZE	E	F	G	H	J
8	MAX	-0.05	+0.10	MAX	1H-20 UNEF
10	1.215	.446	.062	.087	5/8-24 UNEF
12	1.047	.612	.064	.120	3/4-20 UNEF
18	1.328	1.062	1.235	.120	1 1/16-18 UNEF
22	1.578	1.375	1.325	.120	1 3/16-18 UNEF

## MIL-C-26482 SERIES II POLARIZING POSITIONS



22	1.578	1.375	1.485	.120	1.275	1/2	.094	.212	1 5/16-18 UNEF
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The normal position (N) has the insert centerline that coincides with the centerline of the master keyway of the shell. The alternate clocking positions (W,X,Y, and Z) are done by rotating the pin insert clockwise. The socket insert is rotated counter clockwise. The drawing above shows the insert rotation clockwise with the tables showing the degree of rotation.



SHELL SIZE & INSERT ARRANGEMENT	L DEGREES					Service Rating
	N	W	X	Y	Z	
8-2	0	58	122	-	0	I
8-3	0	60	210	-	-	I
8-4	0	45	-	-	-	I
8-33	0	90	-	-	-	I
8-98	0	-	-	-	-	I
10-6	0	90	-	-	-	I
10-98	0	90	180	240	270	I
12-3	0	-	-	180	-	II
12-8	0	90	112	203	292	I
12-10	0	60	155	270	295	I
14-4	0	45	-	-	-	I
14-5	0	40	92	184	273	II
14-9	0	15	90	180	240	I
14-12	0	43	90	-	-	I
14-15	0	17	110	155	234	I
14-18	0	15	90	180	270	I
14-19	0	30	165	315	-	I
14-22	0	45	-	-	-	I
16-8	0	54	152	180	331	II
16-14	0	25	78	180	240	I
16-23	0	158	270	-	-	I
16-26	0	60	-	275	338	I
16-95	0	25	90	153	-	I
16-99	0	66	156	223	340	I
18-8	0	180	-	-	-	I
18-11	0	62	119	241	340	II
18-30	0	180	193	285	350	I
18-32	0	85	138	222	265	I
18-85	0	45	90	180	240	I
18-88	0	12	45	168	202	I

20-16	0	238	318	333	347	II
20-24	0	70	145	215	290	I
20-27	0	72	144	216	288	I
20-39	0	63	144	252	333	I
20-41	0	45	126	225	-	I
20-90	0	18	60	240	270	I
22-12	0	-	-	-	-	I
22-19	0	15	90	225	308	I
22-21	0	16	135	175	349	II
22-32	0	72	145	215	288	I
22-34	0	62	142	218	298	I
22-41	0	39	135	264	-	I
22-55	0	30	142	226	314	I
22-95	0	26	180	266	-	I
22-96	0	19	41	-	-	I
24-19	0	30	165	315	-	II
24-27	0	45	110	140	225	I
24-31	0	90	225	255	-	I
24-61	0	90	180	270	324	I

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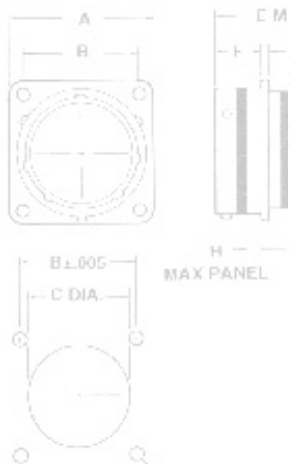


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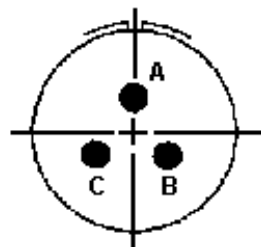
**Allen Electric  
Connector Sales, Inc.**



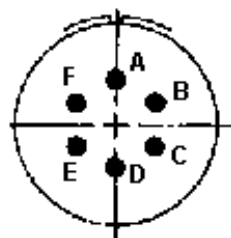
**MIL-C-26482 SERIES II INSERT ARRANGEMENTS**

SHELL SIZE	A MAX	B ±.005	C ±.003	D ±.006	E MAX	F -0.01	G +0.10	H MAX	J THREAD SA
B	828	554	568	120	1.275	446	052	087	1/2-20 UNF
D	954	719	585	120	1.275	446	052	087	3/8-24 UNEF

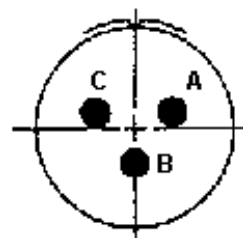
SHELL SIZE	A MAX	B ±.005	C ±.003	D ±.006	E MAX
B	828	554	568	120	1.275
D	954	719	585	120	1.275



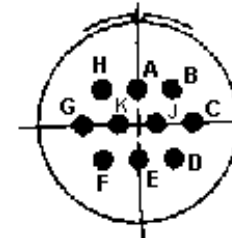
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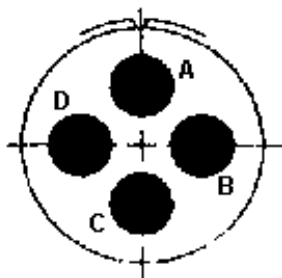
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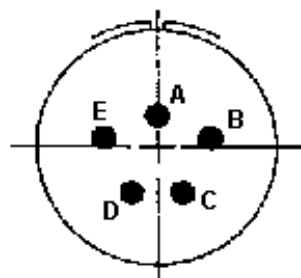
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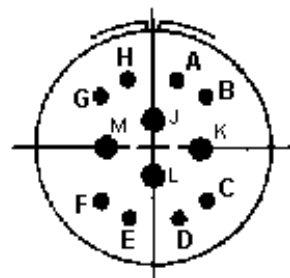
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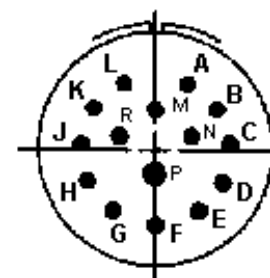
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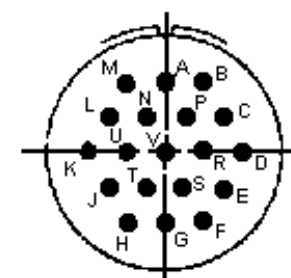
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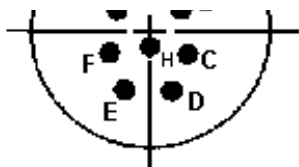


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14 #20**



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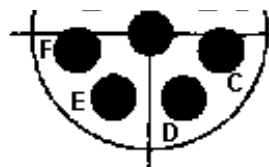




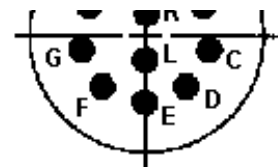
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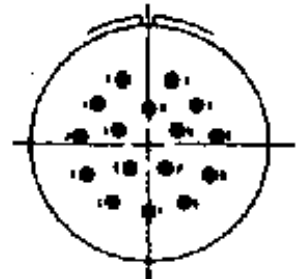
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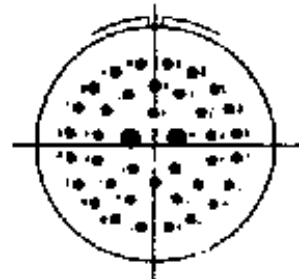
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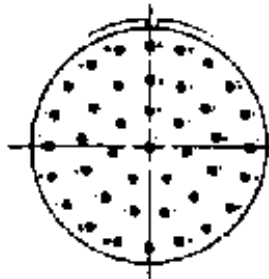
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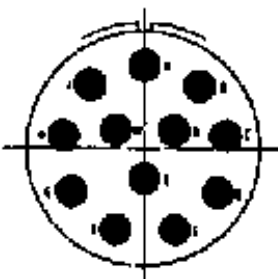
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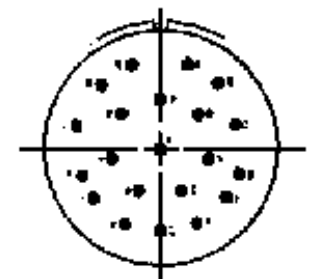
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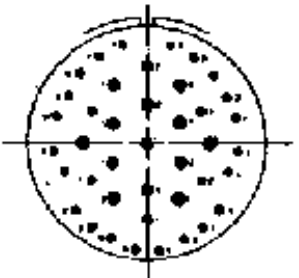
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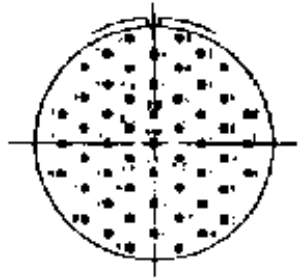
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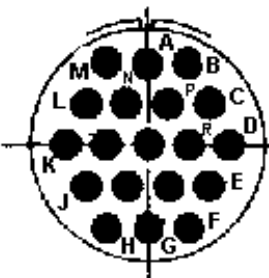
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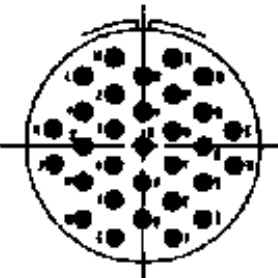
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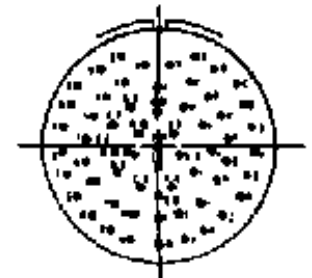
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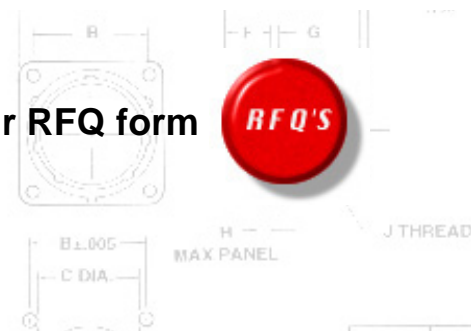
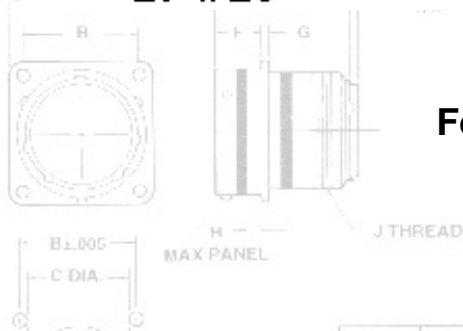


2431  
31 #16



2461  
61 #20

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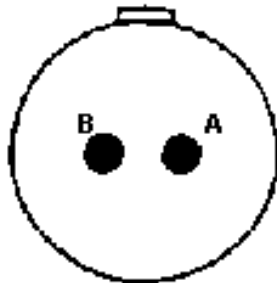


SHELL SIZE	A	B	C	D	E	F	G	H	J
8	028	028	028	028	028	028	028	028	1/16-28 UNF
10	054	054	054	054	054	054	054	054	5/16-24 UNF
12	080	080	080	080	080	080	080	080	3/4-20 UNF
14	106	106	106	106	106	106	106	087	1-20 UNF
16	132	132	132	132	132	132	132	087	1 1/16-18 UNF
18	158	158	158	158	158	158	158	087	1 1/8-16 UNF
20	184	184	184	184	184	184	184	087	1 1/4-14 UNF
22	210	210	210	210	210	210	210	087	1 3/8-12 UNF
24	236	236	236	236	236	236	236	087	1 7/16-10 UNF

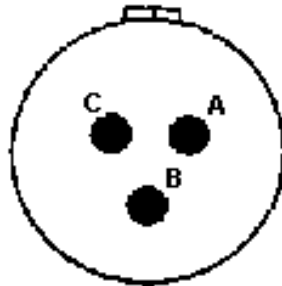
## MIL-C-26482 TYPE REAR RELEASE PLUGS

(INTERMATEABLE WITH MIL-C-26482 SOLDER PIN RECEPTACLES)

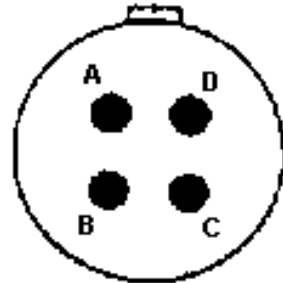
### SPECIALS



0802



0803



0804

The three insert arrangement layouts shown are identical to the MIL-C-26482 Series II, but are not qualified to the specification. The shell configuration has been slightly altered to allow these rear release, crimp contacts plugs to intermate with the applicable MIL-C-26482 Series I solder pin receptacles. The special design originated for NASA and is used by various commercial aircraft avionics and payload equipment applications. Their #20 gauge pin and socket contacts are not qualified to the MIL-C-39029 specification, but use the same crimp tooling, insertion and removal tools.

Size 20 Contacts

Crimp Tool

Turret

Insertion/Extraction Tool

Socket: AE 5091-022-2020  
Pin: AE 5291-022-2020

M22520/1-01

M22520/1-02

M81969/14-01

or

or

M22520/2-01

M22520/2-02

PANEL CUTOUT

4 HOLES

PANEL CUTO

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RFQ'S

If you need any other information, please

E-Mail

aecs@aecsinc.com

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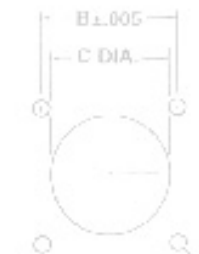
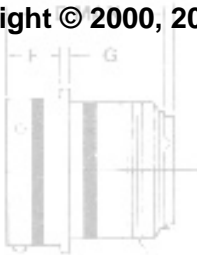
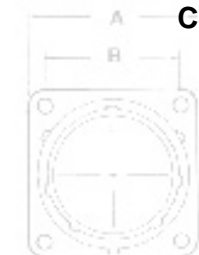
We look forward to hearing from you!

Home

Site Map

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MAX PANEL

PANEL CUTOUT

4 HOLES

SHELL SIZE	A MAX	B ±.005	C ±.005	D ±.005	E MAX	F -0.015 +0.010	G ±.010	H MAX	J TH-HEAD 2A
8	628	554	568	120	1.215	446	052	087	1/2-20 UNF
10	954	719	585	120	1.215	446	052	087	5/8-24 UNF
12	1047	812	564	120	1.215	446	052	087	3/4-20 UNF
14	1141	906	969	120	1.215	446	062	087	7/8-20 UNF
16	1234	088	1115	120	1.215	446	062	087	1-20 UNF
18	1328	1002	1235	120	1.215	446	062	087	1 1/16-18 UNF
20	1418	1150	1363	120	1.275	522	094	212	1 3/16-18 UNF
22	1528	1250	1485	120	1.275	522	094	212	1 5/16-18 UNF
24	1703	1375	1615	147	1.275	604	094	212	1 7/16-18 UNF

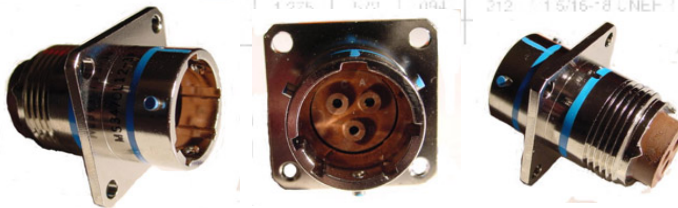


# Allen Electric Connector Sales, inc.

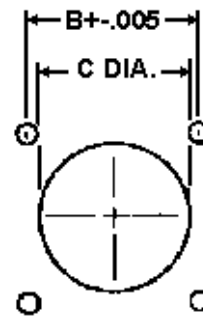
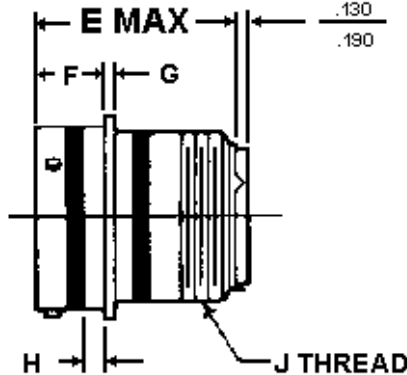
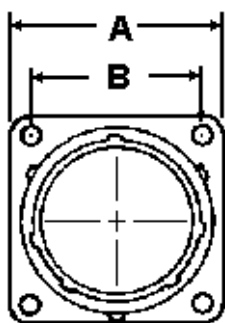


## MS3470 RECEPTACLE, NARROW FLANGE MTG., BAYONET COUPLING, CLASS A, L, S, W

SHELL SIZE	MAX	±.005	±.005	±.005	MAX	±.01	±.010	MAX	TH-ESD 2A
8	.828	.594	.568	.120	1.215	.446	.062	.087	1/2-20 UNF
10	.964	.719	.685	.120	1.215	.446	.062	.087	5/8-24 UNEF
12	1.047	.812	.864	.120	1.215	.446	.062	.087	3/4-20 UNEF
14	1.141	.906	.989	.120	1.215	.446	.062	.087	7/8-20 UNEF
16	1.234	.969	1.113	.120	1.215	.446	.062	.087	1-20 UNEF



SHELL SIZE	MAX	±.005	±.005	±.005	MAX	±.01	±.010	MAX	TH-ESD 2A
8	.828	.594	.568	.120	1.215	.446	.062	.087	1/2-20 UNF
10	.964	.719	.685	.120	1.215	.446	.062	.087	5/8-24 UNEF
12	1.047	.812	.864	.120	1.215	.446	.062	.087	3/4-20 UNEF
14	1.141	.906	.989	.120	1.215	.446	.062	.087	7/8-20 UNEF
16	1.234	.969	1.113	.120	1.215	.446	.062	.087	1-20 UNEF



MAX PANEL

PANEL CUTOUT

D DIA. 4 HOLES

SHELL SIZE	A MAX	B ±.005	C ±.005	D ±.005	E MAX	F ±.010	G ±.010	H MAX	J THREAD-2A
8	.828	.594	.568	.120	1.215	.446	.062	.087	1/2 20 UNF
10	.964	.719	.685	.120	1.215	.446	.062	.087	5/8-24 UNEF
12	1.047	.812	.864	.120	1.215	.446	.062	.087	3/4-20 UNEF
14	1.141	.906	.989	.120	1.215	.446	.062	.087	7/8-20 UNEF
16	1.234	.969	1.113	.120	1.215	.446	.062	.087	1-20 UNEF

18	1.328	1.062	1.238	.120	1.215	.446	.062	.087	1 1/16-18 UNEF
20	1.453	1.156	1.363	.120	1.275	.572	.094	.212	1 3/16-18 UNEF
22	1.578	1.250	1.488	.120	1.275	.572	.094	.212	1 5/16-18 UNEF
24	1.703	1.375	1.615	.147	1.275	.604	.094	.212	1 7/16-18 UNEF

[MIL-C-26482 Series II Polarizing Positions](#)  
[MIL-C-26482 Series II Insert Arrangements](#)

### MILITARY PART NUMBERING SYSTEM

**MS3470**

**L 14 - 04 P W**

- Polarization** (Blank for normal, Alternate positions W, X, Y or Z)
- Contact Style:** P= Pins, S= Sockets, A= less Pins, B= less Sockets
- Insert Arrangement:** Per MIL-STD-1669
- Shell Size:** Even numbers 8 thru 24
- Class:**
  - L = Aluminum shell, electroless nickel finish
  - A = Aluminum shell, anodized finish, black (not applicable to MS3475)
  - S = Stainless steel, passivated
  - W = Aluminum shell, olive drab cadmium plated
- MS Number:** MS3470 Narrow flange receptacle  
 MS3471 Cable connecting receptacle  
 MS3472 Wide flange receptacle  
 MS3474 Jam nut mount receptacle  
 MS3475 RFI grounding Plug  
 MS3476 Standard Plug

For pricing and availability, please fill out our RFQ form



If you need any other information, please **E-Mail** [aecs@aecsinc.com](mailto:aecs@aecsinc.com)

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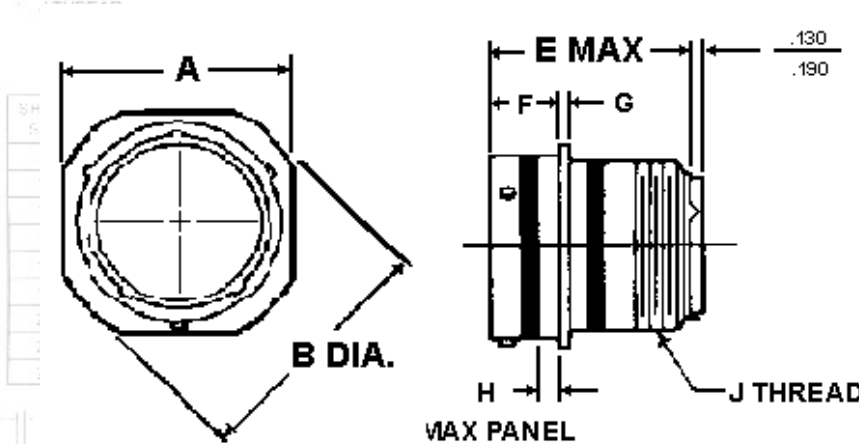


# Allen Electric Connector Sales, Inc.



## MS3471 RECEPTACLE, CABLE CONNECTING, BAYONET COUPLING, CLASS A, L, S, W

SHELL SIZE	MAX	±.005	±.005	±.005	MAX	-0.01	+0.10	MAX	J THREAD
8	.828	.954	.948	1.215	.446	.062	.062	1/2-20 UNF	
10	1.047	1.072	1.072	1.215	.446	.062	.062	5/8-24 UNF	
12	1.141	1.166	1.166	1.215	.446	.062	.062	3/4-20 UNF	
14	1.234	1.260	1.260	1.215	.446	.062	.062	7/8-20 UNF	
16	1.234	1.354	1.354	1.215	.446	.062	.062	1-20 UNF	
18	1.328	1.448	1.448	1.215	.446	.062	.062	1 1/16-18 UNF	
20	1.453	1.572	1.572	1.275	.572	.094	.094	1 3/16-18 UNF	
22	1.578	1.898	1.898	1.275	.572	.094	.094	1 5/16-18 UNF	
24	1.703	2.822	2.822	1.275	.604	.094	.094	1 7/16-18 UNF	



SHELL SIZE	A MAX	B ±.030	E MAX	F ±.015	G ±.010	J THREAD-2A
8	.828	.948	1.215	.446	.062	1/2 20 UNF
10	.954	1.072	1.215	.446	.062	5/8-24 UNF
12	1.047	1.166	1.215	.446	.062	3/4-20 UNF
14	1.141	1.260	1.215	.446	.062	7/8-20 UNF
16	1.234	1.354	1.215	.446	.062	1-20 UNF
18	1.328	1.448	1.215	.446	.062	1 1/16-18 UNF
20	1.453	1.572	1.275	.572	.094	1 3/16-18 UNF
22	1.578	1.898	1.275	.572	.094	1 5/16-18 UNF
24	1.703	2.822	1.275	.604	.094	1 7/16-18 UNF

MIL-C-26482 Series II Polarizing Positions



# MILITARY PART NUMBERING SYSTEM

**MS3471**

**A**

**14 - 04**

**P**

**Y**

- Polarization** (Blank for normal, Alternate positions W, X, Y or Z)
- Contact Style:** P= Pins, S= Sockets, A= less Pins, B= less Sockets
- Insert Arrangement:** Per MIL-STD-1669
- Shell Size:** Even numbers 8 thru 24
- Class:**
  - L = Aluminum shell, electroless nickel finish
  - A = Aluminum shell, anodized finish, black (not applicable to MS3475)
  - S = Stainless steel, passivated
  - W = Aluminum shell, olive drab cadmium plated
- MS Number:** MS3470 Narrow flange receptacle  
 MS3471 Cable connecting receptacle  
 MS3472 Wide flange receptacle  
 MS3474 Jam nut mount receptacle  
 MS3475 RFI grounding Plug  
 MS3476 Standard Plug

For pricing and availability, please fill out our RFQ form



If you need any other information, please [E-Mail aecs@aecsinc.com](mailto:aecs@aecsinc.com)  
 phone (760) 430-8357 or fax (760) 430-8359

SHELL SIZE	MAX	±.005	±.005	±.005	MAX	-0.02	+0.10	MAX	J THREAD
8	828	564	568	120	1.275	446	062	087	1/2-20 UNF
10	954	719	585	120	1.275	446	062	087	3/8-24 UNEF
12	1047	812	564	120	1.275	446	062	087	3/4-20 UNEF
14	1141	906	969	120	1.275	446	062	087	7/8-20 UNEF
16	1234	998	1115	120	1.275	446	062	087	1-20 UNEF
18	1328	1092	1236	120	1.275	446	062	087	1 1/16-18 UNF
20	1423	1180	1365	120	1.275	522	094	212	1 3/16-18 UNF
22	1528	1270	1486	120	1.275	522	094	212	1 5/16-18 UNF
24	1703	1375	1615	120	1.275	522	094	212	1 7/16-18 UNF

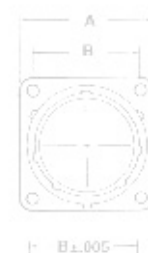
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SHELL SIZE	A	B	C	D	E	F	G	H	J
8	828	564	568	120	1.275	446	062	087	1/2-20 UNF
10	954	719	585	120	1.275	446	062	087	3/8-24 UNEF
12	1047	812	564	120	1.275	446	062	087	3/4-20 UNEF
14	1141	906	969	120	1.275	446	062	087	7/8-20 UNEF
16	1234	998	1115	120	1.275	446	062	087	1-20 UNEF
18	1328	1092	1236	120	1.275	446	062	087	1 1/16-18 UNF
20	1423	1180	1365	120	1.275	522	094	212	1 3/16-18 UNF
22	1528	1270	1486	120	1.275	522	094	212	1 5/16-18 UNF
24	1703	1375	1615	120	1.275	522	094	212	1 7/16-18 UNF





# Allen Electric Connector Sales, inc.

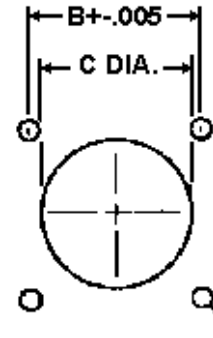
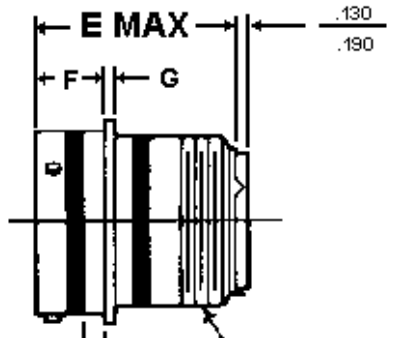
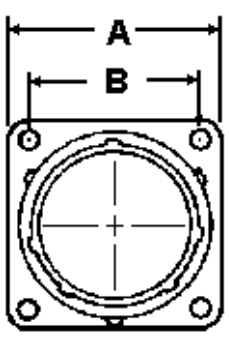


## MS3472 RECEPTACLE, WIDE FLANGE MTG., BAYONET COUPLING, CLASS A, L, S, W

SHELL SIZE	A MAX	B ±.005	C ±.005	D ±.005	E MAX	F ±.015	G ±.010	H MAX	J THREAD-2A
8	1.047	.712	.564	.120	1.215	.448	.062	.087	3/4-20 UNEF
10	1.141	.806	.669	.120	1.215	.440	.062	.087	5/8-20 UNEF
12	1.234	.900	.771	.120	1.215	.446	.062	.087	1-20 UNEF
14	1.328	1.002	.863	.120	1.215	.446	.062	.087	1 1/16-18 UNEF
16	1.424	1.100	.955	.120	1.215	.446	.062	.087	1 3/16-18 UNEF



SHELL SIZE	A MAX	B ±.005	C ±.005	D ±.005	E MAX	F ±.015	G ±.010	H MAX	J THREAD-2A
8	1.065	.734	.568	.150	1.215	.477	.062	.118	1/2 20 UNF
10	1.141	.812	.685	.150	1.215	.477	.062	.118	5/8-24 UNEF
12	1.256	.938	.864	.150	1.215	.477	.062	.118	3/4-20 UNEF
14	1.360	1.031	.989	.150	1.215	.477	.062	.118	7/8-20 UNEF
16	1.453	1.125	1.113	.150	1.215	.477	.062	.118	1-20 UNEF
18	1.532	1.203	1.238	.150	1.215	.477	.062	.118	1 1/16-18 UNEF
20	1.688	1.297	1.363	.150	1.275	.571	.094	.212	1 3/16-18 UNEF
22	1.766	1.375	1.488	.150	1.275	.571	.094	.212	1 5/16-18 UNEF
24	1.891	1.500	1.615	.150	1.275	.604	.094	.212	1 7/16-18 UNEF

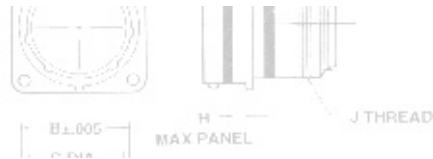


MAX PANEL

PANEL CUTOUT D DIA. 4 HOLES

SHELL SIZE	J THREAD	A MAX	B ±.005	C ±.005	D ±.005	E MAX	F ±.015	G ±.010	H MAX	J THREAD-2A
8	1/2 20 UNF	1.065	.734	.568	.150	1.215	.477	.062	.118	1/2 20 UNF
10	5/8-24 UNEF	1.141	.812	.685	.150	1.215	.477	.062	.118	5/8-24 UNEF
12	3/4-20 UNEF	1.256	.938	.864	.150	1.215	.477	.062	.118	3/4-20 UNEF
14	7/8-20 UNEF	1.360	1.031	.989	.150	1.215	.477	.062	.118	7/8-20 UNEF
16	1-20 UNEF	1.453	1.125	1.113	.150	1.215	.477	.062	.118	1-20 UNEF
18	1 1/16-18 UNEF	1.532	1.203	1.238	.150	1.215	.477	.062	.118	1 1/16-18 UNEF
20	1 3/16-18 UNEF	1.688	1.297	1.363	.150	1.275	.571	.094	.212	1 3/16-18 UNEF
22	1 5/16-18 UNEF	1.766	1.375	1.488	.150	1.275	.571	.094	.212	1 5/16-18 UNEF
24	1 7/16-18 UNEF	1.891	1.500	1.615	.150	1.275	.604	.094	.212	1 7/16-18 UNEF

**MIL-C-26482 Series II Polarizing Positions**  
**MIL-C-26482 Series II Insert Arrangements**



**MILITARY PART NUMBERING SYSTEM**

**MS3472**

**W**

**18 - 32**

**P**

**Y**

- Polarization** (Blank for normal, Alternate positions W, X, Y or Z)
- Contact Style:** P= Pins, S= Sockets, A= less Pins, B= less Sockets
- Insert Arrangement:** Per MIL-STD-1669
- Shell Size:** Even numbers 8 thru 24
- Class:**
  - L = Aluminum shell, electroless nickel finish
  - A = Aluminum shell, anodized finish, black (not applicable to MS3475)
  - S = Stainless steel, passivated
  - W = Aluminum shell, olive drab cadmium plated
- MS Number:** MS3470 Narrow flange receptacle  
 MS3471 Cable connecting receptacle  
 MS3472 Wide flange receptacle  
 MS3474 Jam nut mount receptacle  
 MS3475 RFI grounding Plug  
 MS3476 Standard Plug



For pricing and availability, please fill out our **RFQ** form



SHELL SIZE	A MAX	B ±.005	C ±.005	D .005	E MAX	F -0.01	G ±.010	H MAX	J TH-HEAD 2A
8	.854	.719	.585	.120	1.215	.446	.052	.087	3/8-24 UNEF
12	1.047	.912	.664	.120	1.215	.446	.052	.087	3/4-20 UNEF
14	1.141	.906	.669	.120	1.215	.446	.052	.087	7/8-20 UNEF
16	1.234	.968	1.115	.120	1.215	.446	.052	.087	1-20 UNEF
18	1.328	1.052	1.236	.120	1.215	.446	.052	.087	3 UNF
20	1.443	1.150	1.365	.120	1.275	.522	.094	.212	3 UNF
24	1.703	1.375	1.615	.147	1.275	.504	.094	.212	3 UNF

If you need any other information, please **E-Mail** [aecs@aecsinc.com](mailto:aecs@aecsinc.com)

phone (760) 430-8357 or fax (760) 430-8359

We look forward to hearing from you!



D DIA  
4 HOLES

B ±.005  
C DIA

H  
MAX PANEL



D DIA  
4 HOLES

B ±.005  
C DIA

H  
MAX PANEL

**A Woman Owned Small Business, CAGE Code 07BG6**

SHELL SIZE	A MAX	B ±.005	C ±.005	D .005	E MAX	F -0.01	G ±.010	H MAX	J TH-HEAD 2A
8	.828	.554	.568	.120	1.215	.446	.052	.087	3/8-20 UNF
12	1.047	.812	.664	.120	1.215	.446	.052	.087	3/4-20 UNF
14	1.141	.906	.669	.120	1.215	.446	.052	.087	7/8-20 UNF
16	1.234	.968	1.115	.120	1.215	.446	.052	.087	1-20 UNF
18	1.328	1.052	1.236	.120	1.215	.446	.052	.087	1 1/16-18 UNF
20	1.443	1.150	1.365	.120	1.275	.522	.094	.212	1 3/16-18 UNF
22	1.528	1.250	1.486	.120	1.275	.522	.094	.212	1 5/16-18 UNF
24	1.703	1.375	1.615	.147	1.275	.504	.094	.212	1 7/16-18 UNF

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D DIA  
4 HOLES

B ±.005  
C DIA

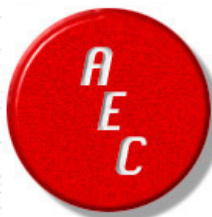
H  
MAX PANEL



D DIA  
4 HOLES

B ±.005  
C DIA

H  
MAX PANEL

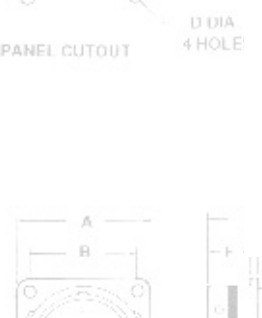
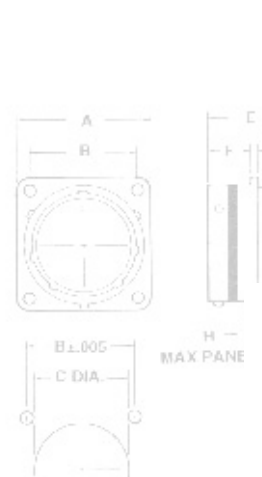
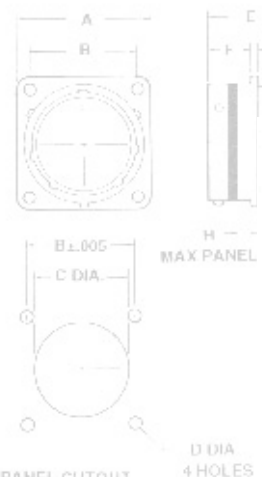
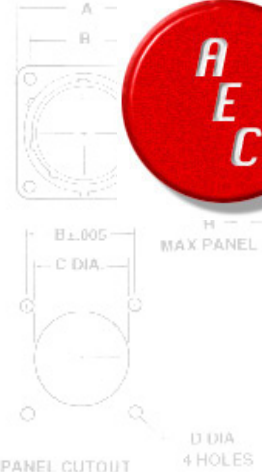


# Allen Electric Connector Sales, Inc.

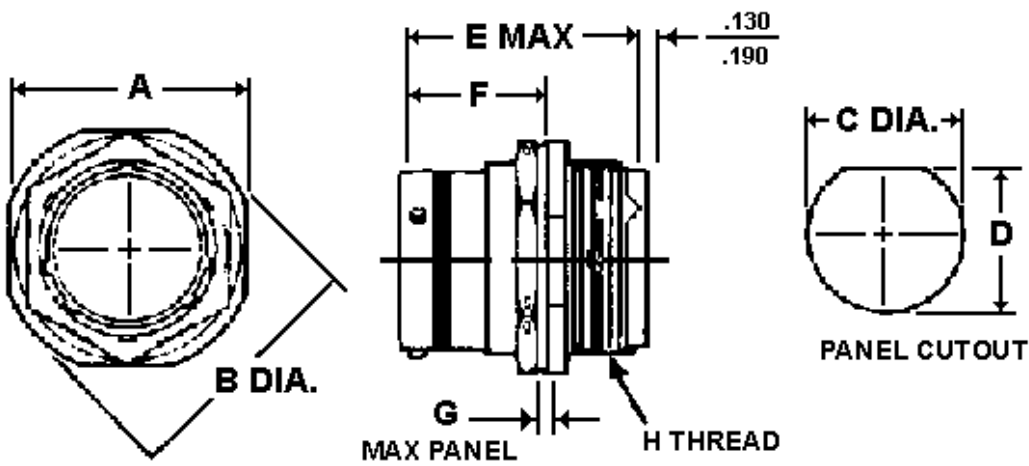


## MS3474 RECEPTACLE, SINGLE HOLE MTG., BAYONET COUPLING, CLASS A, L, S, W

SHELL SIZE	A MAX	B ±.005	C ±.005	D .005	E MAX	F -0.01	G +0.10	H MAX	J TH-ESU 2A
6	.954	.779	.685	.120	1.279	.448	.052	.687	3/8-24 UNF
12	1.047	.872	.864	.120	1.275	.448	.052	.687	3/8-24 UNF
14	1.125	.976	.969						3/8-24 UNF
16									
18									
20									
22									
24									



16	1.234	.966	1.115	.120	1.215	.448	.052	.687	1.25 UNEF
18	1.308	1.032	1.236	.120	1.215	.448	.052	.687	1.116-B UNF



SHELL SIZE	A ±.015	B ±.015	C ±.005	D ±.005	E MAX	F ±.010	G MAX	J THREAD-2A
8	.938	1.063	.572	.536	1.215	.656	.187	1/2 20 UNF
10	1.063	1.187	.697	.661	1.215	.656	.187	5/8-24 UNEF
12	1.250	1.346	.895	.824	1.215	.656	.187	3/4-20 UNEF
14	1.346	1.500	1.010	.984	1.215	.656	.187	7/8-20 UNEF
16	1.500	1.625	1.135	1.072	1.215	.656	.187	1-20 UNEF
18	1.625	1.750	1.260	1.197	1.215	.656	.187	1 1/16-18 UNEF
20	1.812	1.938	1.385	1.322	1.275	.719	.250	1 3/16-18 UNEF
22	1.938	2.063	1.510	1.447	1.275	.719	.250	1 5/16-18 UNEF
24	2.063	2.187	1.635	1.572	1.275	.719	.219	1 7/16-18 UNEF

[MIL-C-26482 Series II Polarizing Positions](#)  
[MIL-C-26482 Series II Insert Arrangements](#)

### MILITARY PART NUMBERING SYSTEM

**MS3474**

**S**

**14 - 04**

**S**

**X**

- Polarization (Blank for normal, Alternate positions W, X, Y or Z)
- Contact Style: P= Pins, S= Sockets, A= less Pins, B= less Sockets
- Insert Arrangement: Per MIL-STD-1669
- Shell Size: Even numbers 8 thru 24
- Class:
  - L = Aluminum shell, electroless nickel finish
  - A = Aluminum shell, anodized finish, black (not applicable to MS3475)
  - S = Stainless steel, passivated
  - W = Aluminum shell, olive drab cadmium plated
- MS Number: MS3470 Narrow flange receptacle  
 MS3471 Cable connecting receptacle  
 MS3472 Wide flange receptacle  
 MS3474 Jam nut mount receptacle  
 MS3475 RFI grounding Plug  
 MS3476 Standard Plug

For pricing and availability, please fill out our RFQ form



If you need any other information, please [E-Mail aecs@aecsinc.com](mailto:aecs@aecsinc.com)



phone (760) 430-8357 or fax (760) 430-8359

We look forward to hearing from you!



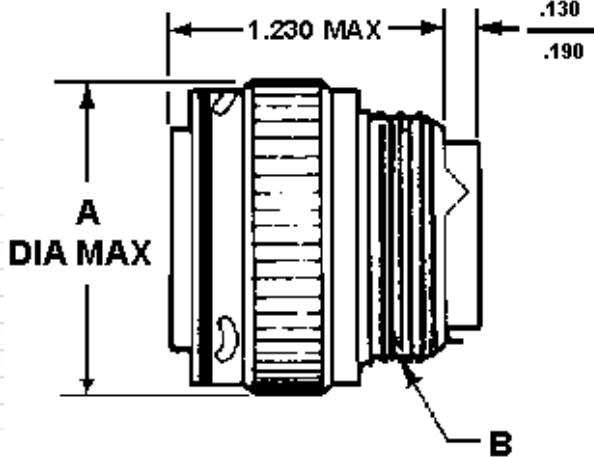


# Allen Electric Connector Sales, inc.



## MS3475 PLUG, RFI, BAYONET COUPLING, CLASS L, S, W

SHELL SIZE	MAX	±.005	±.005	±.005	MAX	-0.0	+0.10	MAX	THREAD 2A
8	.828	.564	.568	.120	1.275	.445	.052	.087	1/2-20 UNF
10	.954	.719	.685	.120	1.275	.445	.052	.087	5/8-24 UNEF
12	1.047	.812	.864	.120	1.275	.445	.052	.087	3/4-20 UNEF
14	1.141	.906	.969	.120	1.275	.445	.052	.087	7/8-20 UNEF
16	1.234	.998	1.071	.120	1.275	.445	.052	.087	1-20 UNEF
18	1.328	1.091	1.174	.120	1.275	.445	.052	.087	1 1/16-18 UNF
20	1.423	1.184	1.277	.120	1.275	.445	.052	.087	1 3/16-18 UNF
22	1.518	1.277	1.380	.120	1.275	.445	.052	.087	1 5/16-18 UNF
24	1.613	1.370	1.483	.120	1.275	.445	.052	.087	1 7/16-18 UNF



SHELL SIZE	A MAX
8	.828
10	.954
12	1.047
14	1.141
16	1.234
18	1.328
20	1.423
22	1.518
24	1.613

SHELL SIZE	A MAX	B THREAD-2A
8	.782	1/2-20 UNF
10	.926	5/8-24 UNEF
12	1.043	3/4-20 UNEF
14	1.183	7/8-20 UNEF
16	1.305	1-20 UNEF
18	1.391	1 1/16-18 UNF
20	1.531	1 3/16-18 UNF
22	1.656	1 5/16-18 UNF
24	1.777	1 7/16-18 UNF

SHELL SIZE	A MAX	±.005	±.005	±.005	MAX	-0.0	+0.10	MAX	THREAD 2A
8	.828	.564	.568	.120	1.275	.445	.052	.087	1/2-20 UNF
10	.954	.719	.685	.120	1.275	.445	.052	.087	5/8-24 UNEF
12	1.047	.812	.864	.120	1.275	.445	.052	.087	3/4-20 UNEF
14	1.141	.906	.969	.120	1.275	.445	.052	.087	7/8-20 UNEF
16	1.234	.998	1.071	.120	1.275	.445	.052	.087	1-20 UNEF
18	1.328	1.091	1.174	.120	1.275	.445	.052	.087	1 1/16-18 UNF
20	1.423	1.184	1.277	.120	1.275	.445	.052	.087	1 3/16-18 UNF
22	1.518	1.277	1.380	.120	1.275	.445	.052	.087	1 5/16-18 UNF
24	1.613	1.370	1.483	.120	1.275	.445	.052	.087	1 7/16-18 UNF

[MIL-C-26482 Series II Polarizing Positions](#)  
[MIL-C-26482 Insert Arrangements](#)

# MILITARY PART NUMBERING SYSTEM

**MS3475**

**L 18 - 32 P W**

- Polarization (Blank for normal, Alternate positions W, X, Y or Z)
- Contact Style: P= Pins, S= Sockets, A= less Pins, B= less Sockets
- Insert Arrangement: Per MIL-STD-1669
- Shell Size: Even numbers 8 thru 24
- Class:
  - L = Aluminum shell, electroless nickel finish
  - A = Aluminum shell, anodized finish, black (not applicable to MS3475)
  - S = Stainless steel, passivated
  - W = Aluminum shell, olive drab cadmium plated
- MS Number: MS3470 Narrow flange receptacle
- MS3471 Cable connecting receptacle
- MS3472 Wide flange receptacle
- MS3474 Jam nut mount receptacle
- MS3475 RFI grounding Plug
- MS3476 Standard Plug

For pricing and availability, please fill out our RFQ form



If you need any other information, please [E-Mail aecs@aecsinc.com](mailto:aecs@aecsinc.com)  
 phone (760) 430-8357 or fax (760) 430-8359  
 We look forward to hearing from you!

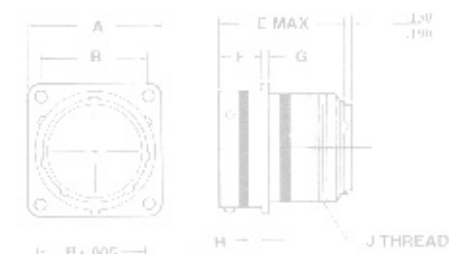
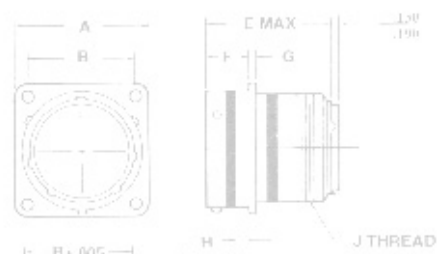
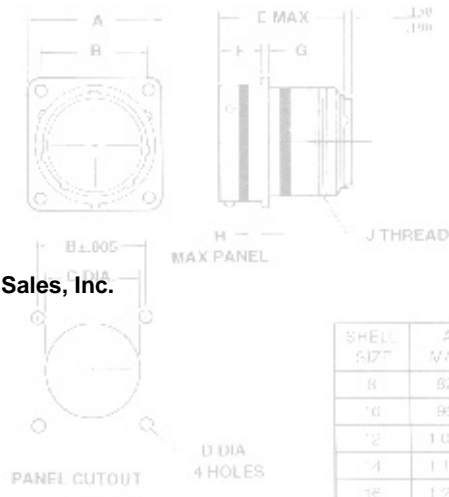
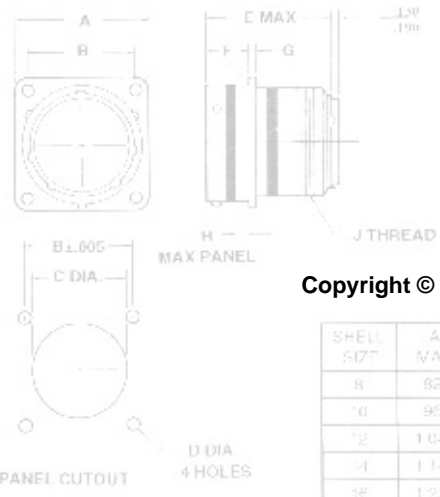
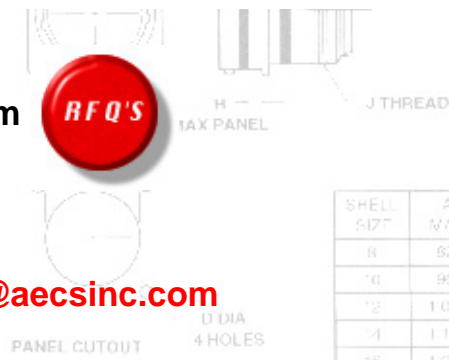
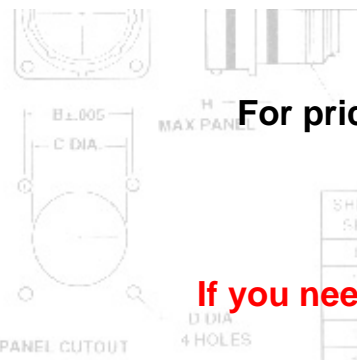
SHELL SIZE	A MAX	B ±.005	C ±.005	D ±.005	E MAX	F -0.0	G +0.10	H MAX	J TH-HEAD 2A
8	.628	.564	.568	.120	1.275	.446	.062	.087	1/2-20 UNF
10	.954	.719	.685	.120	1.275	.446	.062	.087	3/8-24 UNEF
12	1.141	.906	.869	.120	1.275	.446	.062	.087	7/8-20 UNEF
14	1.234	.968	1.115	.120	1.275	.446	.062	.087	1-18 UNEF
16	1.234	.968	1.115	.120	1.275	.446	.062	.087	1-18 UNEF
18	1.328	1.032	1.236	.120	1.275	.446	.062	.087	1 1/16-18 UNEF
20	1.443	1.100	1.365	.120	1.275	.522	.094	.212	1 3/16-18 UNEF
22	1.578	1.250	1.486	.120	1.275	.522	.094	.212	1 5/16-18 UNEF
24	1.703	1.375	1.615	.127	1.275	.522	.094	.212	1 7/16-18 UNEF



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SHELL SIZE	A MAX	B ±.005	C ±.005	D ±.005	E MAX	F -0.0	G +0.10	H MAX	J TH-HEAD 2A
8	.628	.564	.568	.120	1.275	.446	.062	.087	1/2-20 UNF
10	.954	.719	.685	.120	1.275	.446	.062	.087	3/8-24 UNEF
12	1.047	.812	.864	.120	1.275	.446	.062	.087	3/4-20 UNEF
14	1.141	.906	.869	.120	1.275	.446	.062	.087	7/8-20 UNEF
16	1.234	.968	1.115	.120	1.275	.446	.062	.087	1-20 UNEF
18	1.328	1.032	1.236	.120	1.275	.446	.062	.087	1 1/16-18 UNEF
20	1.443	1.100	1.365	.120	1.275	.522	.094	.212	1 3/16-18 UNEF
22	1.578	1.250	1.486	.120	1.275	.522	.094	.212	1 5/16-18 UNEF
24	1.703	1.375	1.615	.127	1.275	.522	.094	.212	1 7/16-18 UNEF





# Allen Electric Connector Sales, inc.

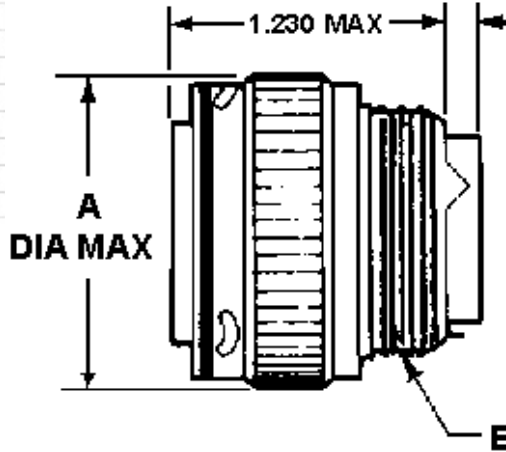


## MS3476 PLUG, BAYONET COUPLING, CLASS A, L, S, W

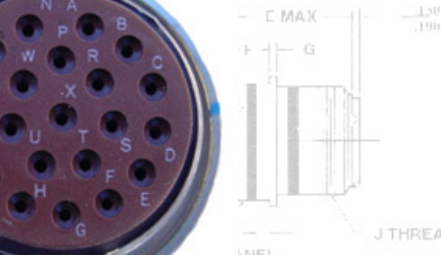
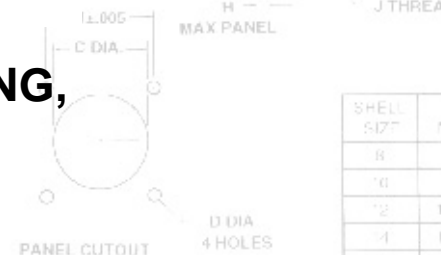
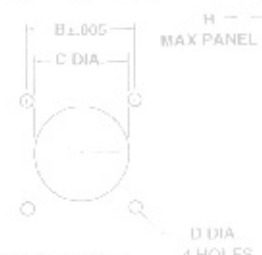
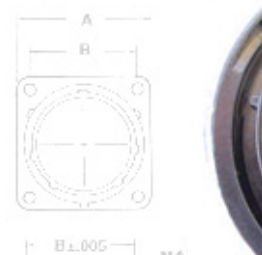
SHELL SIZE	MAX	±.005	±.005	±.005	MAX	-0.12	+0.10	MAX	TH-HEAD 2A
8	.828	.564	.564	.100	1.215	.446	.062	.087	1/2-20 UNF
10	.954	.719	.684	.100	1.215	.446	.062	.087	5/8-24 UNEF
12	1.047	.812	.824	.120	1.215	.446	.062	.087	3/4-20 UNEF
14	1.141	.906	.969	.120	1.215	.446	.062	.087	7/8-20 UNEF
16	1.234	.988	1.115	.120	1.215	.446	.062	.087	1-20 UNEF
18	1.328	1.072	1.235	.120	1.215	.446	.062	.087	1 1/16-18 UNEF
20	1.423	1.150	1.365	.120	1.275	.522	.094	.212	1 3/16-18 UNEF
22	1.528	1.225	1.500	.120	1.275	.522	.094	.212	1 5/16-18 UNEF



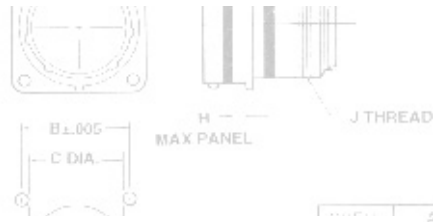
SHELL SIZE	MAX	±.005	±.005	±.005	MAX	-0.12	+0.10	MAX	TH-HEAD 2A
8	.828	.564	.564	.100	1.215	.446	.062	.087	1/2-20 UNF
10	.954	.719	.684	.100	1.215	.446	.062	.087	5/8-24 UNEF
12	1.047	.812	.824	.120	1.215	.446	.062	.087	3/4-20 UNEF
14	1.141	.906	.969	.120	1.215	.446	.062	.087	7/8-20 UNEF
16	1.234	.988	1.115	.120	1.215	.446	.062	.087	1-20 UNEF
18	1.328	1.072	1.235	.120	1.215	.446	.062	.087	1 1/16-18 UNEF
20	1.423	1.150	1.365	.120	1.275	.522	.094	.212	1 3/16-18 UNEF
22	1.528	1.225	1.500	.120	1.275	.522	.094	.212	1 5/16-18 UNEF



SHELL SIZE	A MAX	B THREAD-2A
8	.782	1/2-20 UNF
10	.926	5/8-24 UNEF
12	1.043	3/4-20 UNEF
14	1.183	7/8-20 UNEF
16	1.305	1-20 UNEF
18	1.391	1 1/16-18 UNEF
20	1.531	1 3/16-18 UNEF
22	1.656	1 5/16-18 UNEF

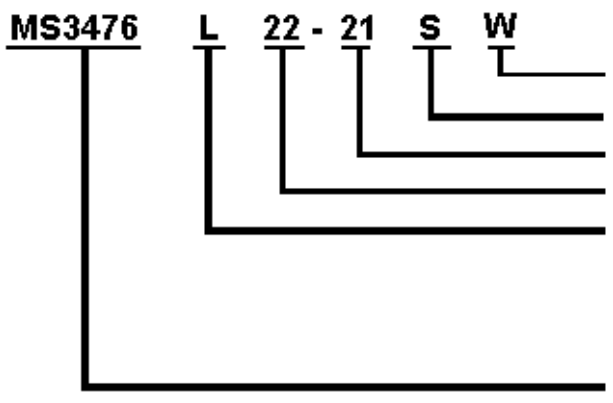


24	1.777	1 7/16-18 UNEF
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**MIL-C-26482 Series II Polarizing Positions**  
**MIL-C-26482 Series II Insert Arrangements**

**MILITARY PART NUMBERING SYSTEM**



**MS3476**  
**L** Polarization (Blank for normal, Alternate positions W, X, Y or Z)  
**22 - 21** Contact Style: P= Pins, S= Sockets, A= less Pins, B= less Sockets  
**S** Insert Arrangement: Per MIL-STD-1669  
**W** Shell Size: Even numbers 8 thru 24  
**Class:**  
**L** = Aluminum shell, electroless nickel finish  
**A** = Aluminum shell, anodized finish, black (not applicable to MS3475)  
**S** = Stainless steel, passivated  
**W** = Aluminum shell, olive drab cadmium plated  
**MS Number:** MS3470 Narrow flange receptacle  
 MS3471 Cable connecting receptacle  
 MS3472 Wide flange receptacle  
 MS3474 Jam nut mount receptacle  
 MS3475 RFI grounding Plug  
 MS3476 Standard Plug

For pricing and availability, please fill out our RFQ form



If you need any other information, please **E-Mail** [aecs@aecsinc.com](mailto:aecs@aecsinc.com)

phone (760) 430-8357 or fax (760) 430-8359

We look forward to hearing from you!



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SHELL SIZE	A MAX	B ± .005	C ± .005	D	E	F	G	H	J	J THREAD
8	.828	.564	.568	.120	1.215	.446	.062	.087	12-20 UNEF	
10	.954	.719	.585	.120	1.215	.446	.062	.087	12-20 UNEF	
12	1.047	.872	.664	.120	1.215	.446	.062	.087	13-20 UNEF	
14	1.143	.936	.669	.120	1.215	.446	.062	.087	13-20 UNEF	
16	1.328	1.092	1.236	.120	1.215	.446	.062	.087	1 1/16-18 UNEF	
20	1.443	1.160	1.365	.120	1.275	.522	.094	.212	1 3/16-18 UNEF	
22	1.528	1.250	1.486	.120	1.275	.522	.094	.212	1 5/16-18 UNEF	
24	1.703	1.375	1.615	.147	1.275	.522	.094	.212	1 7/16-18 UNEF	

