

CREATE YOUR PART NUMBER

1	2	3A	4	3B	5	6	7
MS27474	T	24	F	35	P	A	-LC
SHELL STYLE	CLASS	SIZE	PLATING	LAYOUT	CONTACT	POLARIZATION (OMIT FOR NORMAL)	MODIFIER

(military part number example) *Note: Out of sequence

1	2	3	5	6	4*	7
JT07	RE-	24-35	P	A	-014	-LC
SHELL STYLE	CLASS	LAYOUT	CONTACT	POLARIZATION (OMIT FOR NORMAL)	PLATING*	MODIFIER

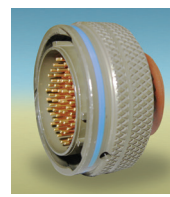
(Commercial part number example)

STEP 1: SELECT SHELL STYLE, PLUG OR RECEPTACLE

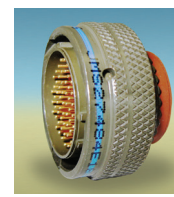
RECEPTACLES

Mates with

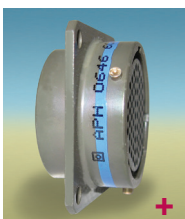
PLUGS

**MS27472
(JT00R)**Front Mount with
Accessory Threads.**MS27497
(JTPQ00R)**Rear Mount with
Accessory Threads.**JT01R**In-line with
Accessory
Threads.**MS27473
(JT06R)**

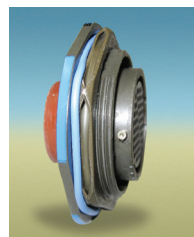
Standard

**MS27484
(JTG06R)**

With Grounding Spring.

**MS27499E
(JT02R)**Front Mount. No
Accessory Threads.**MS27513E
(JT02RE)**Front Mount.
No Accessory Threads.**MS27508E
(JTP02RE)**Rear Mount. No
Accessory Threads.**MS27500
(JT08R)**

Available with PC pins. Contact us for details.

**MS27474
(JTL07)**Rear Mount. Jam Nut
with Accessory Threads.
Contact Us for Details

STEP 2: SELECT CLASS

E° = Grommet & Compression Nut (*not applicable to box mount receptacles*)**P°** = Potting Ring & Cup**T°** = No Rear Accessories**RE°** = Grommet & Compression Nut (*not applicable to box mount receptacles*)**RP°** = Potting Ring & Cup**RT°** = No Rear Accessories

+ Most Popular Military Only=(°) Commercial=(*)

STEP 3: SELECT LAYOUT (LISTED BY SIZE)

For listing by # of contacts, ⇨ see pages 206-208.

LAYOUT NUMBER	SERVICE RATING	CONTACTS						
		TOTAL NUMBER	22D	22M	22	20	16	12
8-35	M	6	6					
8-44	M	4			4			
8-98	I	3				3		
8-6	M	6		6				
10-4P♦	I	4				4		
10-5	I	5				5		
10-13	M	13		13				
10-35	M	13	13					
10-98	I	6				6		
10-99	I	7				7		
12-3	II	3					3	
12-4	I	4					4	
12-8	I	8				8		
12-22	M	22		22				
12-35	M	22	22					
12-98	I	10				10		
14-4♦	I	4						4
14-5	II	5					5	
14-15	I	15				14	1	
14-18	I	18				18		
14-19♦	I	19				19		
14-35	M	37	37					
14-37	M	37		37				
14-68♦	I	8					8	
14-97♦	I	12				8	4	
16-6	I	6						6
16-8	II	8					8	
16-13♦	I	13					13	
16-26	I	26				26		
16-35	M	55	55					
16-42	M	42			42			
16-55	M	55		55				
16-99	I	23				21	2	
18-11	II	11					11	
18-28	I	28				26	2	
18-30	I	30				29	1	
18-32	I	32				32		
18-35	M	66	66					
18-53	M	53			53			
18-66	M	66		66				
18-68♦	I	18					18	
18-96♦	I	9						9
20-1	M	79		79				
20-2	M	65			65			
20-11P♦	I	11						11
20-16	II	16					16	
20-35	M	79	79					
20-39	I	39				37	2	
20-41	I	41				41		
22-1	M	100		100				
22-2	M	85			85			
22-14♦	I	14						14
22-21	II	21					21	
22-32	I	32				32		
22-35	M	100	100					
22-53P♦	I	53				53		
22-55	I	55				55		
24-1	M	128		128				
24-2	M	100			100			
24-4	I	56				48	8	
24-19♦	I	19						19
24-24	I	24					12	12
24-29	I	29					29	
24-35	M	128	128					
24-37	I	37					37	
24-43P♦	I	43				23	20	
24-61	I	61				61		

• NOT QPL'D ♦ Not Tooled for RP or 02RE P = Pin Insert Only

STEP 4: SELECT PLATING

Finish	Military	Commerical	Commerical + SR
Cadmium-plated nickel base	A	-	SR
Olive drab cadmium-plated nickel base	B	014	386
Electroless nickel	F	023	424
Electroless nickel space-compatible	-	453	467
Anodic coating (Alumilite)	C	005	300
Chromate-tested (Iridite 14-2)	-	011	344
Passivated steel (Hermetic only)	E	-	-
Stainless steel	-	155	-
Olive drab zinc cobalt	-	W52	-

SR = Strain Relief

STEP 5: SELECT CONTACT**Note:** See Step 7 if not ordering contacts with part.

P = Pin

S = Socket

A = Less Pin Contacts

B = Less Socket Contact

STEP 6: SELECT POLARIZATION

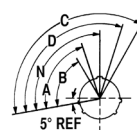
N = Normal Standard (Omit for normal)

A = Highly-Popular

B = Limited Availability

C = Check for Availability

D = Check for Availability



Mating Face of Receptacle

AB ANGLE OF ROTATION (DEGREES)					
SHELL SIZE	NORMAL	A	B	C	D
8	100	82	-	-	118
10	100	86	72	128	114
12	100	80	68	132	120
14	100	79	66	134	121
16	100	82	70	130	118
18	100	82	70	130	118
20	100	82	70	130	118
22	100	85	74	126	115
24	100	85	74	126	115

STEP 7: SELECT MODIFIER**Note:** LC is not marked on part

Omit for standard contacts

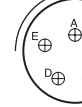
LC = Less contacts, wire hole fillers and plastic insertion/extraction tool.

(Purchase Order must state "Less Contacts")

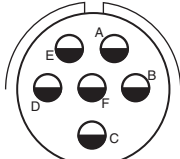
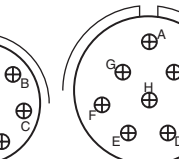
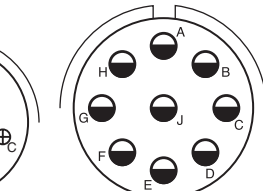
LAYOUT BY NUMBER OF CONTACTS

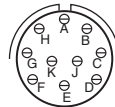
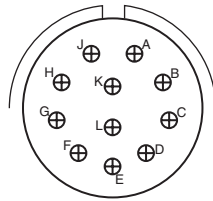
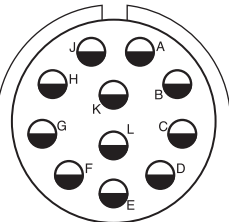
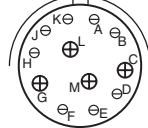
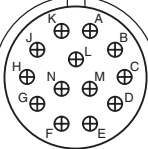
View of mating-face of pin insert


 12 16 20 22 22D 22M

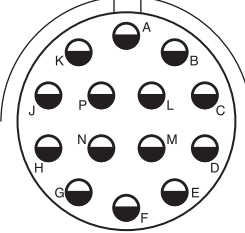
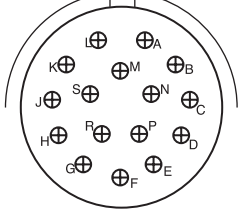
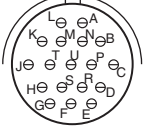
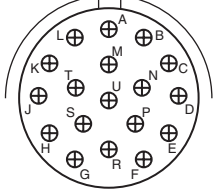
CONTACTS	3		4				5		6	
										
LAYOUT # OF CONTACTS SERVICE RATING	8-98 3-#20 I	12-3 3-#16 II	8-44 4-#22 M	10-4P♦ 4-#20 I	12-4 4-#16 I	14-4♦ 4-#12 I	10-5 5-#20 I	14-5 5-#16 II	8-6 6-#22M M	8-35 6-#22D M

Inactive.
Use 8-35

CONTACTS	6		7	8			9
							
LAYOUT # OF CONTACTS SERVICE RATING	10-98 6-#20 I	16-6 6-#12 I	10-99 7-#20 I	12-8 8-#20 I	14-68♦ 8-#16 I	16-8 8-#16 II	18-96♦ 9-#12 I

CONTACTS	10	11			12	13	
							
LAYOUT # OF CONTACTS SERVICE RATING	12-98 10-#20 I	18-11 11-#16 II	20-11P♦ 11-#12 I	14-97♦ 8-#20, 4-#16 I	10-13 13-#22M M	10-35 13-#22D M	16-13♦ 13-#16 M

Inactive.
Use 10-35

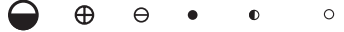
CONTACTS	14		15	16	18	
						
LAYOUT # OF CONTACTS SERVICE RATING	22-14♦ 14-#12 I	14-15 14-#20, 1-#16 I	20-16 16-#16 II	14-18 18-#20 I	18-68♦ 18-#16 I	

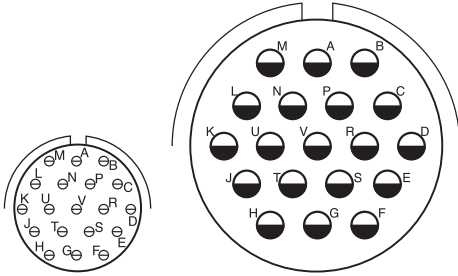
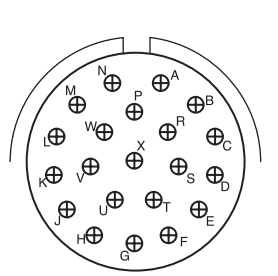
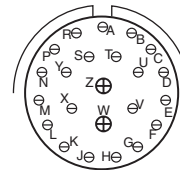
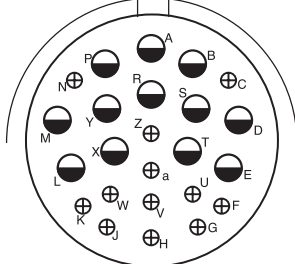
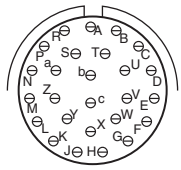
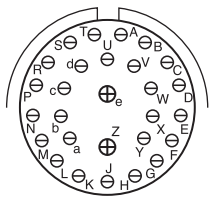
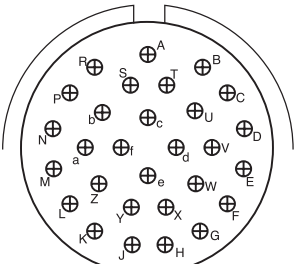
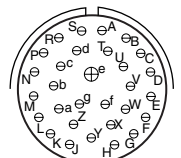
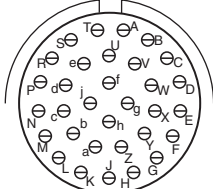
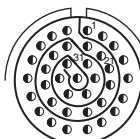
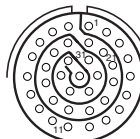
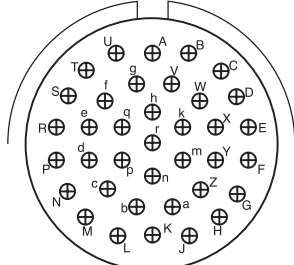
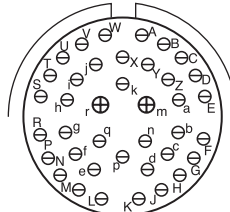
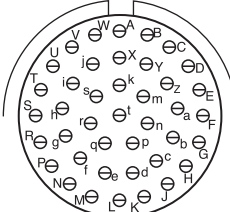
• NOT QPL'D ♦ Not Tooled for RP or 02RE P = Pin Insert Only

Contact us for more information.

LAYOUT BY NUMBER OF CONTACTS

View of mating-face of pin insert


 12 16 20 22 22D 22M

CONTACTS	19	21	22	
			Inactive. Use 12-35  	
LAYOUT # OF CONTACTS SERVICE RATING	14-19 19-#20 I	24-19 19-#12 I	22-21 21-#16 II 12-22 22-#22M M 12-35 22-#22D M	
CONTACTS	23	24	26	28
				
LAYOUT # OF CONTACTS SERVICE RATING	16-99 21-#22, 2-#16 I	24-24 12-#16, 12#12 I	16-26 26-#20 I	18-28 26-#20, 2-#16 I
CONTACTS	29	30	32	
				
LAYOUT # OF CONTACTS SERVICE RATING	24-29 29-#16 I	18-30 29-#20, 1-#16 I	18-32 32-#20 I	
CONTACTS	37	39	41	
	Inactive. Use 14-35   			
LAYOUT # OF CONTACTS SERVICE RATING	14-35 37-#22D M 14-37 37-#22M M 24-37 37-#16 I	20-39 37-#20, 2-#16 I	20-41 41-#20 I	

• NOT QPL'D ♦ Not Tooled for RP or 02RE P = Pin Insert Only Contact us for more information.

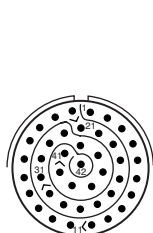
LAYOUT BY NUMBER OF CONTACTS

View of mating-face of pin insert


 12 16 20 22 22D 22M

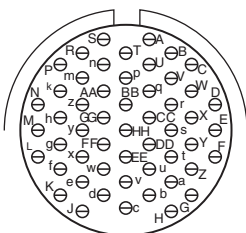
CONTACTS 42 43 53 55

Inactive.
Use 16-35

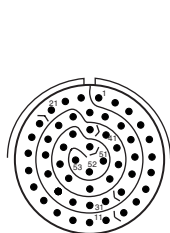


LAYOUT
OF CONTACTS
SERVICE RATING

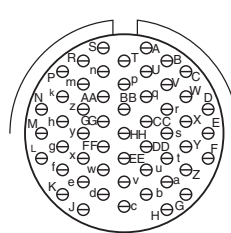
16-42
42-#22
M



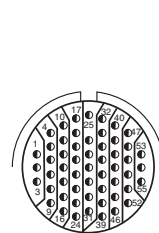
24-43P♦
23-#20, 20-#16
I



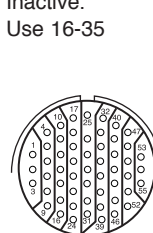
18-53
53-#22
M



22-53P♦
53-#20
I

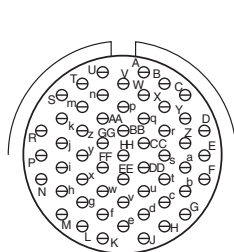


16-35
55-#22D
M



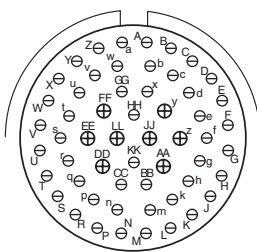
16-55
55-#22M
M

CONTACTS 55 56 61 65

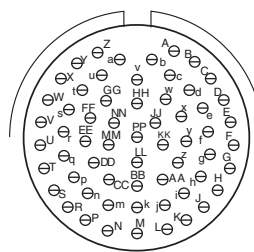


LAYOUT
OF CONTACTS
SERVICE RATING

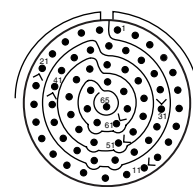
22-55
55-#20
I



24-4
48-#20, 8-#16
I



24-61
61-#20
I

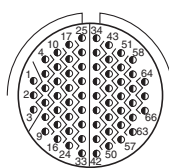


20-2
65-#22
M

CONTACTS 66 79 85

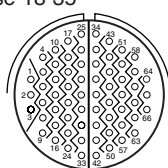
Inactive.
Use 18-35

Inactive. Use 20-35

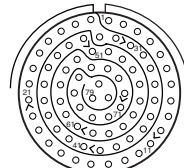


LAYOUT
OF CONTACTS
SERVICE RATING

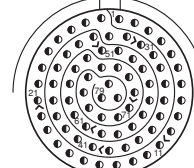
18-35
66-#22D
M



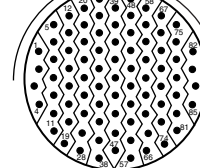
18-66
66-#22M
M



20-1
79-#22M
M



20-35
79-#22D
M



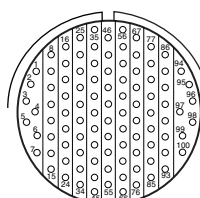
22-2
85-#22
M

CONTACTS 100 128

Inactive.
Use 22-35

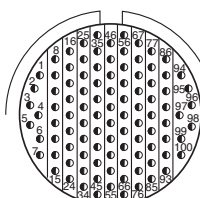
Inactive.
No Replacement

Inactive.
Use 24-35

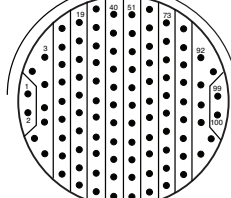


LAYOUT
OF CONTACTS
SERVICE RATING

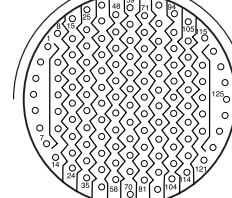
22-1
100-#22M
M



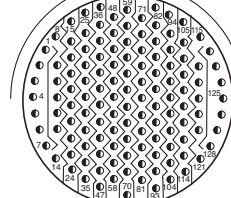
22-35
100-#22D
M



24-2
100-#22
M



24-1
128-#22M
M



24-35
128-#22D
M

• NOT QPL'D ♦ Not Tooled for RP or 02RE P = Pin Insert Only

Contact us for more information.