

CREATE PART NUMBER BY USING THESE 7 STEPS

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

(Military example)

1	2	3A	4	3B	5	6	7
KJ7	T	24	F	35	P	N	L
SHELL STYLE	CLASS	SIZE	PLATING	LAYOUT	CONTACT	POLARIZATION	MODIFIER

(Commercial example)

STEP 1: CHOOSE STYLE

RECEPTACLES

PLUGS



**MS27472
KJ0**
Front mount with accessory threads.



**MS27513E
KJ2 R**
Front mount. No accessory threads.
(E class only for MS)
(R Class only for KJ2)



**MS27508E
KJ5 E**
Rear mount. No accessory threads.*
(E class only)



**MS27499E
KJ2 E**
Front mount. No accessory threads.
No wire sealing grommet.
(E class only)



**MS27473
KJ6**
Front mount. No accessory threads.*

← Mates with →



**MS27474
KJ7**
Rear mount. Jam nut with accessory threads.*



**MS27497
KJ3**
Rear mount with accessory threads.



KJ5 R
Rear mount. No accessory threads.
Extending grommet seal.
(R class only for KJ5)



**MS27484
KJG6**
Front mount. No accessory threads.*

INACTIVE STYLES

MS27479 use **MS27472**
MS27480 use **MS27473**
MS27481 use **MS27474**


Available with PC pins.
Contact us for more details.

STEP 2: CHOOSE CLASS

T = No Rear Accessories

P = Potting Ring & Cup

F = Straight Strain Relief (KJ only, not MIL Spec)

E = No Rear Accessories

* Most popular

STEP 3: CHOOSE LAYOUT

(Listed by Shell Size)

For listing by # of contacts, ➔ See page 228 - 229.

LAYOUT NUMBER	SERVICE RATING	CONTACTS						
		TOTAL NUMBER	22D	22M*	22	20	16	12
8-6+	M	6	-	6	-	-	-	-
8-35	M	6	6	-	-	-	-	-
8-98	I	3	-	-	-	3	-	-
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	-	-
14-5	II	5	-	-	-	-	5	-
14-15	I	15	-	-	-	14	1	-
14-18	I	18	-	-	-	18	-	-
14-35	M	37	37	-	-	-	-	-
14-37+	M	37	-	37	-	-	-	-
14-97	I	12	-	-	-	8	4	-
16-6	I	6	-	-	-	-	-	6
16-8	II	8	-	-	-	-	8	-
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	-	-	-	-
20-1+	M	79	-	79	-	-	-	-
20-2+	M	65	-	-	65	-	-	-
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	-	-	-
22-21	II	21	-	-	-	-	21	-
22-32	I	32	-	-	-	32	-	-
22-35	M	100	100	-	-	-	-	-
22-53	I	53	-	-	-	53	-	-
22-55	I	55	-	-	-	55	-	-
24-1+	M	128	-	128	-	-	-	-
24-2+	M	100	-	-	100	-	-	-
24-4	I	56	-	-	-	48	8	-
24-24	I	24	-	-	-	-	12	12
24-29	I	29	-	-	-	-	29	-
24-35	M	128	128	-	-	-	-	-
24-61	I	61	-	-	-	61	-	-

When Choosing Layout: First Number = Step 3A – Shell Size

Dash = Step 4 – Plating Second Number = 3B – Layout

+ = Inactive for new designs

*Coax **Twinax ***Coax/Twinax

STEP 4: CHOOSE PLATING

MILITARY	COMMERCIAL	
B	B	Olive Drab Chromate over Cadmium over Electroless Nickel -65°C to 175°C (-85°F to 347°F)
F	N	Electroless Nickel -65°C to 200°C (-85°F to 392°F)
A	A	Clear Chromate over Cadmium over Electroless Nickel -65°C to 150°C (inactive) (-85°F to 302°F)

STEP 5: CHOOSE CONTACT

See Step 6 if you are not ordering contacts with part.

P = Pin
S = Socket

A = Less Pin Contacts
B = Less Socket Contact

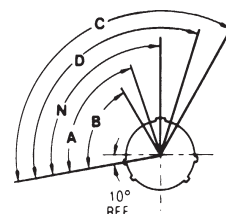
May be used for special contact types (PC Pin, Thermocouple, Fiber optic).

STEP 6: CHOOSE POLARIZATION

N = Normal Standard
(omit on Military part number)
A = Next Most Popular

B = Limited Availability
C = Check for Availability
D = Check for Availability

SHELL SIZE	N	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



Mating Face of Receptacle

STEP 7: CHOOSE MODIFIER

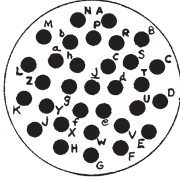
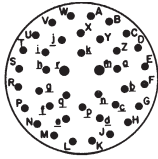
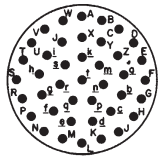
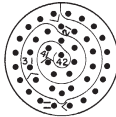
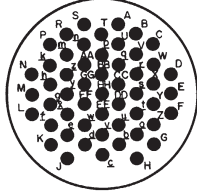
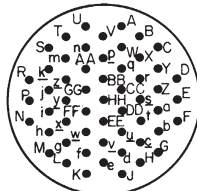
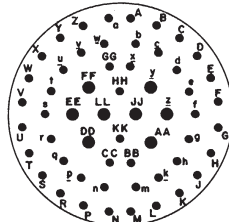
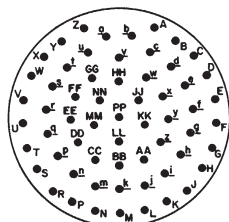
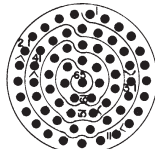
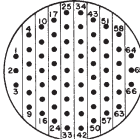
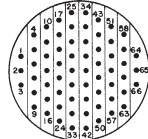
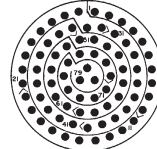
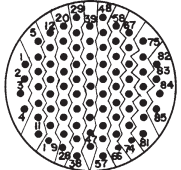
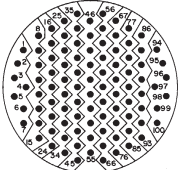
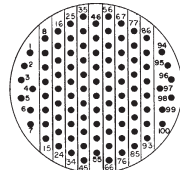
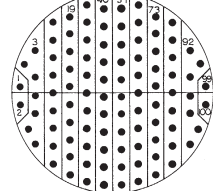
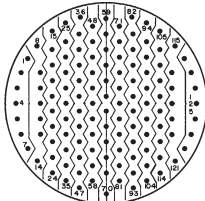
Omit for standard contacts

- LC** = For use with standard contacts, but supplied without contacts, seal plugs or tools (PO must state Less Contacts)
- L** = Supplied without contacts, seal plugs or tools. (Commercial only)
- 16** = Outgassed NASA Space Grade (Commercial only)
- 27** = Outgassed Standard (Commercial only)

Note: -LC is not marked on part

For other commercial modification, i.e., less tools, with PC contact or with endbell, contact us

LAYOUTS BY NUMBER OF CONTACTS

	32	37	39	41
	Pin Insert Only	Inactive. Use 14-35		
				
LAYOUT	22-32	14-35	14-37	20-39
# OF CONTACTS	32-#20	37-#22D	37-#22M	20-41
SERVICE RATING	I	M	M	I
	42	53	55	
				Inactive. Use 16-35
LAYOUT	16-42	18-53	22-53	
# OF CONTACTS	42-#22	53-#22	53-#20	
SERVICE RATING	M	M	I	
	55	56	61	61
				
LAYOUT	22-55	24-4	24-61	20-2
# OF CONTACTS	55-#20	48-#20 8-#16	61-#20	65-#22
SERVICE RATING	I	I	I	M
	66	Inactive. Use 18-35	Inactive. Use 20-35	85
				
LAYOUT	18-35	18-66	20-1	22-2
# OF CONTACTS	66-#22D	66-#22M	79-#22M	85-#22
SERVICE RATING	M	M	M	M
	66	Inactive. Use 22-35	Inactive. No Replacement	66
				
LAYOUT	22-1	22-35	24-2	24-1
# OF CONTACTS	100-#22M	100-#22D	100-#22	128-#22M
SERVICE RATING	M	M	M	M

*Coax **Twinax ***Coax/Twinax