

CREATE YOUR PART NUMBER USING THESE SIX STEPS

1	2	3	4	5	6
MS3450	L	18-11	P	W	-LC

SHELL STYLE **FINISH** **LAYOUT** **CONTACT** **POLARIZATION** **MODIFIER**
(military part number example)
(OMIT FOR NORMAL)

1	2	3	4	5	6
9440	F	18-11	P	W	-190

SHELL STYLE **FINISH** **LAYOUT** **CONTACT** **POLARIZATION** **MODIFIER**
(commercial part number example)
(OMIT FOR NORMAL)

STEP 1: SELECT SHELL STYLE, PLUG OR RECEPTACLE

RECEPTACLES ← Mates with → **PLUGS**

			
 Wall Mount Receptacle + MS3450 (9440)	 Cable Mount Receptacle MS3451 (9441)	 Standard Plug + MS3456 (9446)	 Plug with Self-locking Coupling Nut + MS3459 (9816)
			
 Box Mount Receptacle MS3452 (9442)	 Jam Nut Receptacle + MS3454 (9444)		

+ Most popular

STEP 2: SELECT FINISH

- MILITARY**
- L** = Electroless Nickel
 - W** = Olive Drab Chromate over Cadmium
 - LS** = Stainless Steel Shell, Passivated
 - KT**** = Steel Shell, Olive Drab Chromate over Cadmium, Firewall
 - KS**** = Stainless Steel Shell, Passivated, Firewall

- COMMERCIAL**
- A** = Black Anodize
 - F** = Electroless Nickel
 - W** = Olive Drab Chromate over Cadmium
 - FS** = Stainless Steel Shell, Passivated
 - KT** = Steel Shell, Olive Drab Chromate over Cadmium, Firewall
 - KS** = Stainless Steel Shell, Passivated, Firewall

** KT and KS finishes are not QPLD for styles MS3451, MS3452 and MS3454.

STEP 3: SELECT LAYOUT (LISTED BY SHELL SIZE)

For listing by # of contacts, ⇨ see page 72-82.

8S-1	16-12	20-14	22-27*	28-11	36-7
10S-2	16-13	20-15	22-30*	28-12	36-8
10SL-3	18-1	20-16	22-32*	28-13*	36-9
10SL-4	18-4	20-17	22-36*	28-15	36-10
12S-1*	18-5 S	20-18	24-2	28-16*	36-11*
12S-2*	18-6 S	20-19	24-4*	28-17	36-12*
12S-3	18-7*	20-21	24-5	28-18*	36-15
12S-4	18-8	20-22	24-6*	28-19*	36-16*
12-5	18-9	20-24	24-7	28-20	36-17*
14S-1	18-10	20-27	24-10	28-21	36-18*
14S-2	18-11	20-29	24-11	28-22	36-21*
14S-5	18-12	20-32*	24-12	32-1	36-52
14S-6	18-13	20-33	24-15*	32-2*	36-66*
14S-7	18-14*	22-2	24-16*	32-3*	40-1
14S-9	18-15 Δ	22-4 S	24-20	32-6	40-2*
14S-10*	18-16*	22-5	24-21*	32-7	40-3*
14S-11*	18-17*	22-6	24-22	32-9	40-4*
14S-12*	18-18*	22-7 P	24-24*	32-13	40-6*
14S-13*	18-19*	22-9*	24-27*	32-15	40-7*
14-3	18-22	22-10*	24-28	32-16*	40-9
16S-1	18-23*	22-11*	24-80*	32-17	40-56
16S-3*	18-24*	22-14	28-1	32-19*	40-62*
16S-4*	18-27* S	22-15*	28-2	32-20*	
16S-8	18-28* S	22-17*	28-3*	32-22*	
16-2*	20-2	22-18*	28-4*	32-63	
16-7*	20-4	22-19	28-5*	32-73	
16-9	20-7	22-21	28-8*	36-3	
16-10	20-8	22-22	28-9	36-5	
16-11	20-9*	22-23	28-10	36-6	

*non-QPL, commercial only S = Tooled for sockets only P = Tooled for pins only Δ = QPL for pins only, sockets commercial only

STEP 4: SELECT CONTACT

P = Pin
S = Socket
A = Less Pin Contacts (*military only*)
B = Less Socket Contact (*military only*)
 The "A" and "B" designators are used only for non-power contacts (*PCB, coax, thermocouple, or fibre optic contacts*)

STEP 5: SELECT POLARIZATION

(Omit for normal)
W, X, Y, Z
 See ⇨ pages 83-93 for valid polarization.

STEP 6: SELECT MODIFIER

MILITARY & COMMERCIAL
LC = Less Contacts (*not marked on parts*)

COMMERCIAL ONLY
189 = E-nut M85049/31
190 = Straight strain relief
191 = 90 degree strain relief



TIP: Make it easy! Order your connector, backshell and accessories with just one part number using our Cable Assembly Cookbook. See www.peigenesis.com/en/solution-guides.html