



Quick Disconnect



880-037R Rear Panel Mount, Right Angle PCB Receptacle with Mounting Holes



Series 880 Quick-Disconnect (QDC) rear panel mount, right angle PCB receptacles with mounting holes are sealed with epoxy and meet IP67 requirements in mated condition. For open face sealing in an unmated condition request modification code -518. Three contact sizes are available with current ratings of 5A, 3A and 1A. Aluminum or stainless steel housings and thermoplastic insulators. High performance crimp contacts are factory terminated to solid copper wire. Ultraminiature SuperFly® connectors are ideal for soldier systems and other applications where reduced size and weight are critical.

Shell Size and Insert Arrangements

Insert Arrangements	No. of Contacts		
	#23 5A.	Micro 3A.	Nano 1A.
B7N	—	—	7
C10N	—	—	10
C2M2N	—	2	2
D3M	—	3	—
D2W2N	2	—	2
E3W	3	—	—
E4M	—	4	—
E19N	—	—	19
E4M4N	—	4	4
F4W	4	—	—
F7M	—	7	—
F22N	—	—	22
F4M8N	—	4	8
F4W4N	4	—	4
G7W	7	—	—
G10M	—	10	—
G31N	—	—	31
G6M10N	—	6	10
G6M12N	—	6	12
H10W	10	—	—
H37N	—	—	37
H6W14N	6	—	14
J44N	—	—	44
J7W19N	7	—	19
K19M	—	19	—
K13M19N	—	13	19
L22M	—	22	—

First letter of insert arrangement represents connector shell size, as in this example: **K13M19N**

NOTES

1. See Section A for insert arrangement layouts
2. See Section A for additional finish options

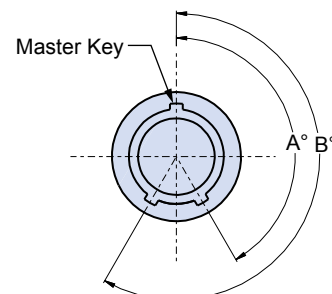
How To Order

Sample Part Number		880-037R	A	-B7N	-M	S	-.125
Series	880-037R						
Insert Style	A = Unshrouded Contacts B = Shrouded Contacts recessed within insulator						
Shell Size/Insert Arr.1	See Shell Size and Insert Arrangement Table						
Material/Finish ²	M = Aluminum/electroless nickel RoHS compliant ZR = Aluminum/zinc-nickel, non-reflective with RoHS compliant black chromate MT = Aluminum/nickel-PTFE RoHS compliant ZMT = Stainless steel/nickel-PTFE RoHS compliant						
PC Tail Finish	S = Solder-dipped in 63/37 tin-lead G = Gold Plated						
PC Tail Length	.080, .125, .175; Length ('L') in inches						

MOD-686 POLARIZING OPTIONS

Standard Superfly connectors have a single master key. Versions with three keys are also available if alternate key positions are required. Add suffix code 686 to the part number per the following example: 880-037RA-B7N-MS-.125-**686A**

Plug Alternate Key Positions		
Suffix Code	A°	B°
686A	150°	210°
686B	75°	210°
686C	95°	230°
686D	140°	275°
686E	75°	275°
686F	95°	210°



MOD-518 OPEN FACE SEALING

For IP67 performance in open face (unmated) condition, use suffix -518. Example: 880-037RA-B7N-MS-.125-**518**



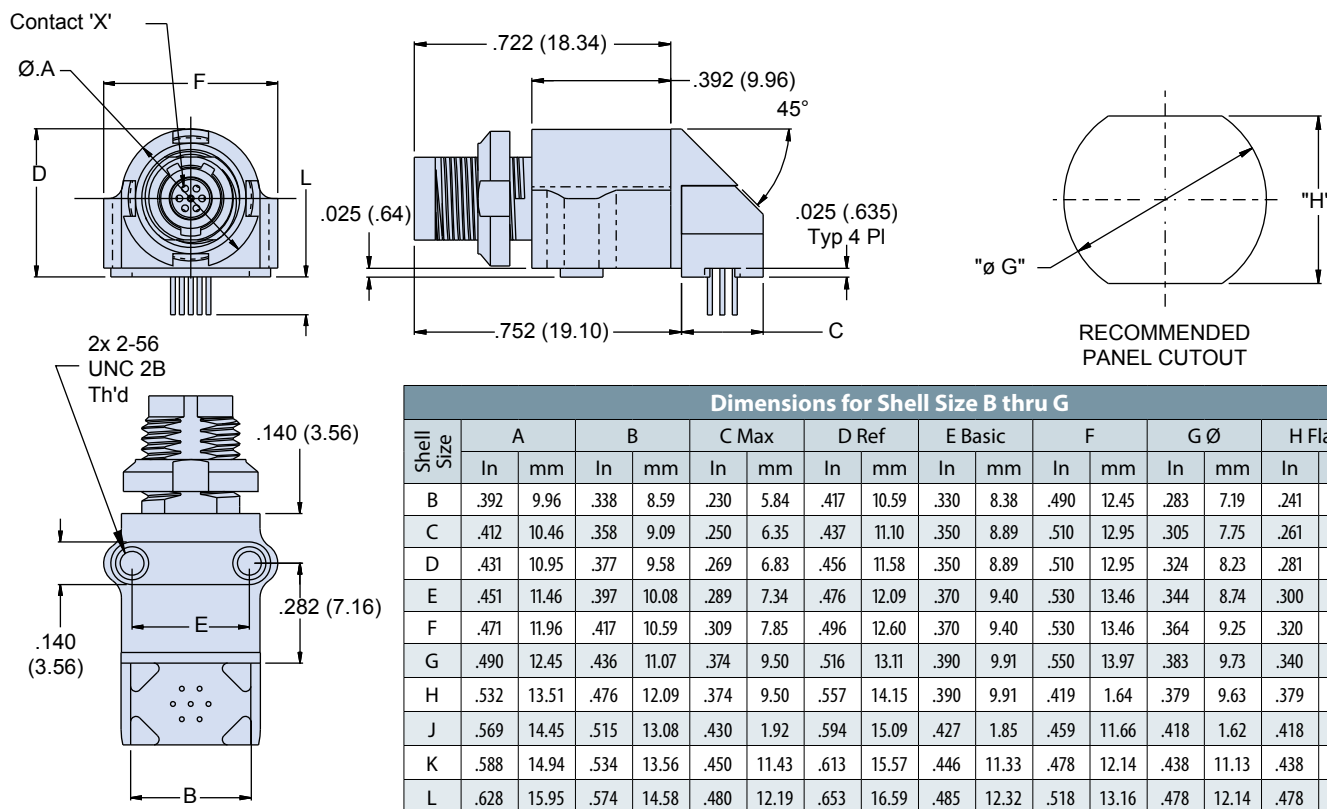
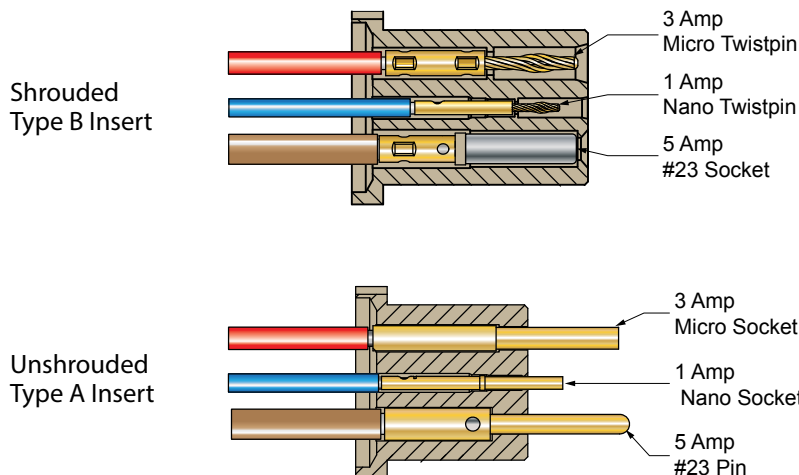
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ABOUT SHROUDED AND UNSHROUDED SUPERFLY® CONFIGURATIONS

Shrouded contacts are recessed within the insert. Unshrouded contacts extend from the insert face. Shrouded inserts contain 1 amp and 3 amp Twistpin contacts along with 5 amp socket contacts. Unshrouded inserts contain 1 amp and 3 amp sockets and 5 amp pin.



Mouser Electronics

Authorized Distributor

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Glenair:

[880-037RA-F4W4N-MTS-.125](#)