SERIES 880

# **Quick Disconnect**



880-001P Cable Plug with Pigtail Wires and Integral Banding Porch

Shell Size and	d Insert /	Arrange	ments
		. of Conta	
Insert Arrangement	#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

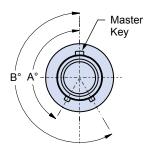
Series 880 Quick-Disconnect (QDC) cable plugs are pre-wired and sealed with
epoxy. Features an integral shield termination platform and Three contact sizes
are available with current ratings of 5A, 3A and 1A. Aluminum or stainless steel
housings and thermoplastic insulators. High-strength wire with crosslinked
ETFE insulation crimped at factory to high performance contacts. Ultraminiature
SuperFly <sup>®</sup> connectors are ideal for soldier systems and other applications where
reduced size and weight are critical.

How To Order									
Sample Part N	umber	880-001P	Α	-B7N	-M	004	J	1	-24
Series	880-001	Р							
Insert Style	A = Unshrouded Contacts   B = Shrouded Contacts   Shrouded contacts are recessed   within the insulator								
Shell Size/ Insert Arr. <sup>1</sup>	00000	See Shell Size and Insert Arrangement Table							
Material/ Finish²	<b>ZR</b> = Alur RoHS cor <b>MT</b> = Alu	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							
Wire AWG	See Wire	Code Table				_			
Wire Type	J="Spac	J = "Space Grade" wire M22759/33 or equivalent (ETFE)							
Wire Color	1 = White 5 = Full Color; 1-10 solid color, 11 and up are striped 7 = 10 Color Repeating; Wire #1 black, Wire #11 black, etc								
Wire Length	Overall length ('L') in inches measured from front of connector								

## **MOD-686 POLARIZING OPTIONS**

Standard SuperFly<sup>®</sup> 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: 880-001PA-B7N-M004J1-24-686A

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°				



R

series 880

# **Quick Disconnect**



880-001P Cable Plug with Pigtail Wires and Integral Banding Porch

### 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.

		e Table	2				Vinnini	3 Am Micro	Twistpin	
Layouts with 5A	1				Shrouded			1 Am	р	
Insert Arrangement	#23 5A.	Micro 3A.	Nano 1A.	Code	Type B Insert				Twistpin	
E3W, F4W,	#22	_	—	100				5 Am	p Socket	
G7W, H10W	#24	—	—	200			K	<u> </u>	JOURCE	
G/W,1110W	#26	_	_	300		_				
Layouts with 5A	. and 1/	A. Conta	acts							
Insert Arrangement	#23 5A.	Micro 3A.	Nano 1A.	Code		F	R77777777	3 Aı		
	#22	_	#28	104		Micro Socket				
	#24	_	#28	204	Unshrouded			1 Aı	np	
	#26	_	#28	304	Type A Insert				no Socket	
D2W2N, F4W4N,	#22	_	#30	105				5 AI	no	
H6W14N,	#24	_	#30	205		7		#23		
J7W19N	#26	_	#30	305		-				
	#22	_	#32	106						
	#24	_	#32	206						
#26		_	#32	306		<b>-</b>				
Layouts with 3A		cts				811 (20.61) —			ïA	
Insert	#23	Micro	Nano	Carla		.361 (9.17)	<b>→</b>			
Arrangement	5A.	3A.	1A.	Code		.301 (9.17) Ø			$\rightarrow$	
	-	#24	_	020			╶╢╵╟╒═┷			
D3M, E4M F7M,	_	#26	_	030		1				
G10M, K19M, L22M	_	#28	_	040						
	_	#30	_	050			└──┤  │┞┸────			
Layouts with 3A	. and 1/	A. Conta	acts		/	/			$\smile$	
Insert	#23	Micro	Nano	Code	└── Pigtail Wires          └─── Band-Master® Nano Band					
Arrangement	5A.	3A.	1A.	coue			Shield Termination	Platform		
		#24	#28	024						
		#26	#28	034			Dimensions			
C2M2N,	_	#28	#28	044	Shell Size	A Ma	ax OD	B R	ear OD	
E4M4N, F4M8N		#24	#30	025		In.	mm.	ln.	mm.	
G6M10N,	_	#26	#30	035	В	.317	8.05	.197	5.00	
G6M12N,	_	#28	#30	045	С	.342	8.69	.222	5.64	
K13M19N		#24	#32	026	D	.355	9.02	.235	5.97	
	_	#26	#32	036	E	.381	9.68	.261	6.63	
	—	#28	#32	046	F	.400	10.16	.280	7.11	
Layouts with 1A	. Conta	cts			G	.422	10.72	.302	7.67	
Insert	#23	Micro	Nano	Code	Н	.459	11.66	.339	8.61	
Arrangement	5A.	3A.	1A.	coue	J	.487	12.37	.369	9.37	
B7N, C10N,			#28	004	К	.509	12.93	.391	9.93	
				005						
E19N, F22N, G31N, H37N,			#30	005	L	.548	13.92	.430	10.92	

5