

The 62IN range are general purpose, environment resistant, miniature circular connectors with three-point bayonet coupling designed to meet MIL-C-26482 Series I solder type specification. Key features include availability in 9 shell sizes and positive shell

to shell keying provided with keys and keyways in either normal (N) or alternate positions (W, X, Y, Z). They are widely used in various military and industrial applications that require quick disconnect connectors.

General Specifications	
Shell material	Aluminium alloy, standard cadmium plating with olive drab chromate finish Alternate finish - cadmium free zinc-cobalt plating with olive drab chromate finish
Number of contacts	2 through 61 in discrete steps
Contact material	Gold over nickel plated, machined from brass
Insert/grommet material	Resilient neoprene
Operating temperature	-55°C to +125°C
Insulation resistance	≥ 5000 MΩ

SHELL STYLES



62IN 10 (X)
Wall mounting receptacle
Available in E, F & J styles



62IN 11 (X)
Cable mounting receptacle
Available in E, F & J styles



62IN 12E
Box mounting receptacle



62IN 16 (X)
Straight plugs
Available in E, F & J styles



62IN 57A
Jam nut receptacles

INSERT SPECIFICATIONS

Insert arrangement	Number of contacts	Contact size	Insert arrangement	Number of contacts	Contact size	Insert arrangement	Number of contacts	Contact size
8-2	2	20	14-5	5	16	20-27	27	20
8-3	3	20	14-08*	6	20	20-39	37	20
8-4	4	20		2	12		2	16
8-33	3	20	14-12	4	16	20-41	41	20
10-2	2	16		8	20	22-21	21	16
10-5*	5	20	14-15	1	16	22-55	55	20
10-6	6	20		14	20	24-31	31	16
10-7	7	20	14-14*	14	20	24-61	61	20
10-8	8	20	14-19	19	20			
12-3	3	16	16-8	8	16			
12-8	8	20		1	16			
12-10	10	20	16-23	22	20			
12-12	12	20	16-26	26	20			
12-14	14	20	18-11*	11	16			
14-02*	2	12	18-32	32	20			
14-04*	4	12	20-16	16	16			

For special insert arrangements, contact us for further information.

ORDERING GUIDE

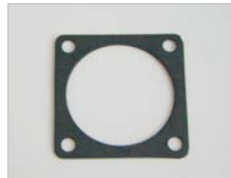
Series designation 62IN - MIL-C-26482 series I miniature bayonet lock	62IN	5	7	E	18 - 32	P
Key specification 1 = As per MIL-C-26482 5 = As per BS 9522 F0017						
Shell style 0 = Wall mounting receptacle 1 = Cable connecting receptacle 2 = Box mounting receptacle 4 = Jam nut receptacle, internally threaded with cable accessories 6 = Plug 7 = Jam nut receptacle, plain shell 8 = Right angle back shell with cable clamp (less grommet)						
Connector class A = Plain shell, exposed solder buckets, no grommet E = Insert and grommet with grommet nut (excluding 12E) F = Same as E but grommet nut with strain relief clamp J = Same as E but with resilient gland seal and nut for unscreened jacket cable, no grommet T = Threaded shell for cable accessories, exposed solder buckets TG = Same as T but shell has grounding fingers						
Insert arrangement First box indicates shell size - 8, 10, 12, 14, 16, 18, 20, 22, 24						
Type of contacts P = Pin; S = Socket						

For variation in insert orientation (W, X, Y, Z) or key way (B, C, E, F), please contact us for further information.

ACCESSORIES



Dust covers



Gaskets



Right angled backshell



JC clamp backshell



PG/metric adapters

TECHNICAL DATA

Current Rating			
Contact size	Rated current	Test current	Potential drop
20	7.5 A	7.5 A	≤ 55 mV
16	13 A	13 A	≤ 55 mV
Voltage Rating			
Service rating		AC (rms)	
I		600 V	
II		1000 V	

Voltage Proof	
Service rating	Test voltage (rms)
I	1500 V
II	2300 V
Wire Range	
Contact size	AWG wire size
20	24, 22 & 20 (0.2 - 0.5 mm ²)
16	20, 18 & 16 (0.5 - 1.5 mm ²)