

Industrial Version Crimp Contacts

62IN series connectors are also available with rear release crimp contacts for industrial applications. These contacts can be crimped to wires outside the connector and then inserted into place with the help of designated tools. Connector maintenance is simplified because damaged contacts can be removed by using the designated removal tool and replaced with a new contact. Spare contacts are also available.

Standard deviations for finishes & features

Deviation number	Description
(4)	Gold flash on contacts
(5)	Crimp contact
(044)	Rough grip heavy duty coupling ring (for plugs only)
(218)	Coupling ring with lever arrangement
(219)	Film wire termination (short) for flexible printed wiring (57A and 12E styles only)
(220)	Film wire termination (long) for flexible printed wiring (57A and 12E styles only)
(221-231)	Different film wire PC tail contact for flexible printed wiring (57A & 12E styles only- Details contact factory)
(416)	Electroless Nickel Plating
*(608)	Black anodised finish
(622)	Cadmium free zinc-cobalt Plating-olive drab finish
(624)	Cadmium free zinc-cobalt Plating-black finish
(0PX)	Premating contact (X denotes premating contact designation)
(714)	Cadmium over electroless Nickel
(720)	Cadmium plating with black chromate
(725)	Zinc plating with olive drab finish
(726)	Electrophoratic Finish
(56T)	Plug connector with threaded shell & serration to accept the cable accessories
(15A)	Plug connector with threaded shell to accept the cable accessories
(LC)	Less contact
(626)	Zinc nickel black finish

C04:-Crimp connectors with few solder contact (Position need to mention)

Specials

For special requirements, please contact factory with specifications and drawings. Amphenol has in-house capability to meet and custom build your special requirements for its range of MIL-C-26482 62IN series connectors.

* Consult factory for availability.

Recommended Tightening Torques

A) Single hole Fixing Receptacle (Panel Nut tightening)

Shell Size	8	10	12	14	16	18	20	22	24
Nm	3.73	4.07	6.78	7.34	8.25	9.26	11.98	13.9	15.03
Lbf.ins	33	36	60	65	73	82	106	123	133

B) Accessory Tightening

Shell Size	8	10	12	14	16	18	20	22	24
Nm	3.79-3.96	3.96-4.52	4.52-5.09	5.09-5.65	5.65-6.78	6.78-7.91	8.48-9.04	9.61-10.17	10.74-11.3
Lbf.ins	25-40	35-40	40-45	45-50	55-60	65-70	75-80	85-90	95-100

Crimping Tool

Contact size	Crimp Tool	Turret Head (ASTRO)
20	M22520/1-01	650106
16		



Insertion & Removal Tool



Contact size	Insertion Removal Tool Part Number
20	62IN-IR-20
16	62IN-IR-16

To obtain a specific connector number, write down the connector number from the typical example below. Only inserts shown on page 5 can be specified. Connectors are delivered with protective dust caps. Deviations specified on page 15 must be included at the end of the connector number whenever required.

62IN	5	7	E	-	18	32	P	X	
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Series designation
62IN - MIL -C-26482 series I miniature bayonet lock

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
5 - Plug without back 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 Which has plain shell and no Grommet or grommet nut).
F - Same as E, but grommet nut With strain relief clamp.
J - Same as E, but with resilient Gland seal and nut for Unscreened jacketed cable, No grommet.
JC - Backshell for unscreened Jacketed cable with strain relief clamp.
T - Threaded shell for cable Accessories, exposed solder Buckets.
TG- Same as T, but shell has Grounding fingers.
PGXX - Connector with PG threaded Backshell to accept PG gland (Specify XX –Thread size)
MX - Connector with Metric Backshell to accept Metric gland (Specify XX –Thread size)
PHM - Supplied with different diameter sleeves to suit varying cable sizes. Used for unshielded cables
EGM - Supplied with different diameter sleeves to suit varying cable sizes. Used for shielded cables
SQ - Used for shielded cables
SB - Used for unshielded cables

Deviations
See page 19

Orientation
Inserts -
W - X - Y - Z
(Omit for normal)
OR
Key / Keyway -
B - C - E - F
See pages 3 and 4.

Contact style
P - Pin contacts
S - Socket contacts

Insert arrangement
First box indicates shell size - 8, 10, 12, 14, 16, 18, 20, 22, 24.
Both boxes together indicate the exact insert arrangement.
See page 5.

Shell finish (Deviations)
Standard-Cadmium plating with olive drab chromate finish
Alternate finishes
1. Cadmium free zinc-cobalt plating with olive drab chromate finish
Ref page No. 19 for codes
For details contact factory

Notice: All information, including illustrations given herein is believed to be accurate at the time of printing. In lieu of design advances, Amphenol reserves the right to change specifications without notice. This publication AC6201 07/17 supersedes all existing Amphenol literature on 62IN series connectors.