

MATERIALS & FINISHES

Molded inserts: Glass fiber reinforced diallyl phthalate per MIL-M-14, type GDI-30F, green.

Pin contact material: Brass per QQ-B-626.

Socket contact material: Standard socket (open entry construction): Phosphor bronze per QQ-B-750.

Closed entry socket: Brass body per QQ-B-626; beryllium copper pressure member per QQ-C-533.

Contact finish: Gold plate per MIL-G-45204, type I, grade C, class as required by customer, over a suitable underplate.

Accessories (hardware, hoods, etc.): Contact factory.

PERFORMANCE CHARACTERISTICS

Volts, breakdown (Sea level): 3,000 volts rms, 60 Hz.

Volts, test (Sea level): 2,000 volts rms, 60 Hz.

Contact size: No. 20, 0.040" (1.02mm) diameter.

Wire size accommodated: No. 20 AWG.

Current rating: 7.5 amperes maximum per contact.

Insulation resistance: 5,000 megohms minimum.

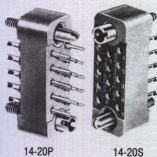
Operating temperature: - 65°C to + 125°C.

Connectors meet all other requirements of MIL-C-28748 for contact size 20 (electrical, mechanical, environmental) when supplied with MIL-SPEC approved materials and finishes.

QUALIFIED TO
MIL-C-28748/5, /6

M28748/6-A thru J	M28748/5-A thru J	Government Designation and Insert
0 1 thru 9 A and B	0 1 thru 9 A and B	Shield or Retaining Plate
0 A thru H J thru R	0 A thru H J thru R	Shell
F, G, L, O, S	F, G, L, O, S	Jackscrews and Guide Pins
1A	1A	Contact

GUIDES



14-20P

14-20S

SCREWLOCKS



14-20STSK

14-20PTS

Long Turnable,
With HoodSide opening
(shown), or
top opening

14-20SSKJH-1

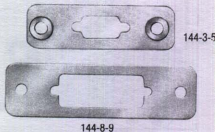
PROTECTIVE SHELLS

Plug
ShellRcpt
Shell

C34

P34

MOUNTING PLATES



144-3-5

144-8-9

MINIATURE HEXAGONAL

1, 4, 5, 7, 9, 10 CONTACTS

Size 20 contacts • 7.5 Amps • 20 AWG wire



C10-20PVS

C10-20SVRN

C38C

Features fast and easy disconnect capability combined with safety provisions against disconnect under vibration and shock. Mating bosses and one-way contact arrangements eliminate possibility of incorrect engagement. Vibration spring with matching detent action lockspring, clamps and locks plug and socket against accidental separation.

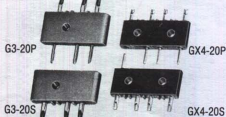
Series C20 is described more comprehensively in our "Series 20" brochure.

G-20

MINIATURE SIDE-MOUNT

2, 3, 4, 6 CONTACTS
SIDE-BY-SIDE "STACKABLE"

Size 20 contacts • 7.5 Amps • 20 AWG wire



G3-20P

GX4-20P

G3-20S

GX4-20S

These unique reverse pin and socket connectors are especially suitable for applications where space is limited. Moldings have one or two holes for convenient space-saving side mounting, or side-by-side stacking.

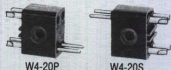
Series G20 is described more comprehensively in our "Series 20" brochure.

W-20

MINIATURE SIDE-MOUNT

2 & 4 CONTACTS
SIDE-BY-SIDE "STACKABLE"

Size 20 contacts • 7.5 Amps • 20 AWG wire



W4-20P

W4-20S

Series W20 is described more comprehensively in our "Series 20" brochure.