



Series MRAC Removable Contact Connectors with 14, 18, 26, 34, 50, 75 and 104 contacts

Contact diameter 0.040 in or 0.062 in
Contacts must be ordered separately

General description

The MRAC is a high-reliability series of removable contact connectors designed primarily for inter-chassis applications.

Glass-filled D.A.P. mouldings provide high arc resistance, high dielectric and mechanical strength. Closed-entry sockets minimise equipment alignment problems and preclude the possibility of contact-area damage.

GN Guides

All connectors in the series can be fitted with GN-type guides, which protect the contact pins and ensure positive polarisation. They should be fitted at all times unless jack-screws are to be used.

Specification

Contact current rating: 13A

Contact identification: Standard identification is alphabetical, except for MRAC 75 which has numerical identification.

Working voltage: 550V d.c.

Breakdown voltage (d.c.) at sea level: 4100V between contacts; 5200V contacts to ground.

Moulding material: Standard moulding material is glass-filled diallyl phthalate (D.A.P.).

Contacts: Sockets; phosphor bronze; gold over nickel or gold plate 0.0002 in. Pins: leaded commercial bronze, gold over nickel or gold plate 0.0002 in.

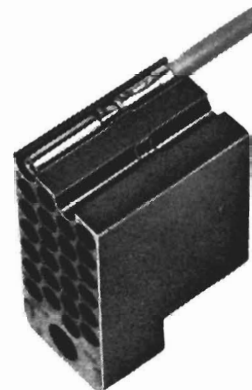
Must be ordered separately.

A range of four crimp pin and socket styles to accommodate all wire sizes between 7/004 and 40/0076.

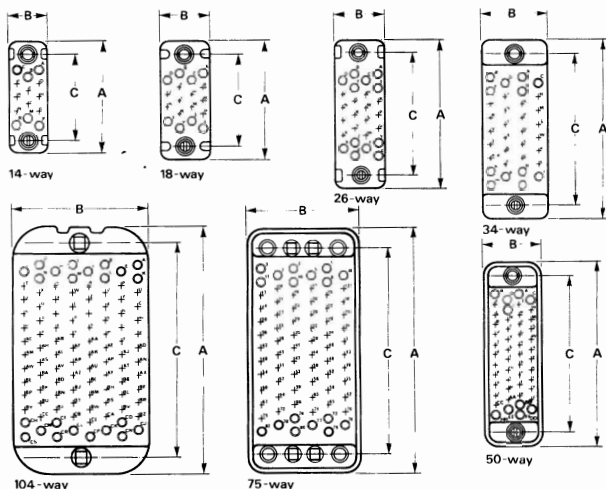
Solder type removable contacts are also available.

Also, to accommodate co-axial cable, there are three types of shielded contacts, covering a range of cable sizes.

Shielded contacts are plated gold over copper flash.



Size	A	B	C
14 in way mm	1 1/2 31.75	7/8 11.11	0.937 23.81
18 in way mm	1 5/8 33.34	7/8 14.29	1.000 25.4
26 in way mm	1 3/4 41.28	7/8 14.29	1.312 33.34
34 in way mm	2 50.8	3/4 19.05	1.688 42.86
50 in way mm	2 3/8 69.04	7/8 22.23	2.282 57.96
75 in way mm	2 3/8 69.04	1 1/8 31.35	2.282 57.96
104 in way mm	2 3/4 69.85	1 1/2 38.89	2.375 60.33



Size	A	B
50 in way mm	2 3/8 21.83	3 3/8 19.84
75 in way mm	2 3/8 21.43	1 1/2 20.64

