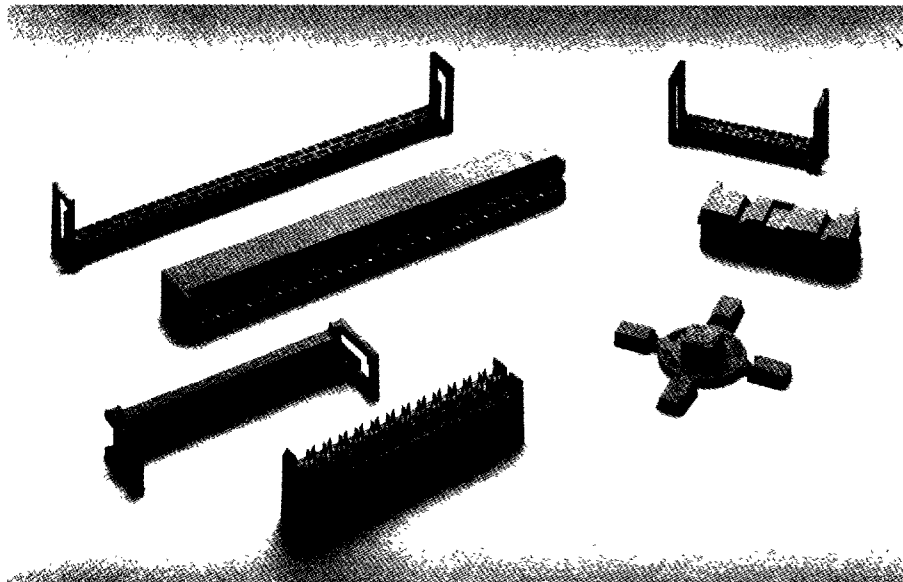


# Amphenol® IDC socket connectors — 812 series



## description

The Amphenol 812 series socket connectors can be used where quick connect and disconnect capabilities are required. The socket is designed to meet MIL-C-83503/7B specifications. There is center polarization as well as adjacent polarization. Open-end covers for feed-through and daisy-chain applications and closed entry covers for end terminations are available.

## benefits

- MIL-C-83503 compatible
- One-step mass termination
- Two polarization slots per MIL-C-83503 (except 10 and 14 contact sizes)
- Center polarizing position
- Duplex plated contacts for lower per line cost
- Open-end covers and closed entry covers
- Optional strain relief
- UL and CSA recognized

## characteristics

### Physical

Contact spacing: .100" × .100" (2,54mm × 2,54mm) grid, terminates to .050" flat cable)

Number of contacts: 10 through 64

Contact material: Copper alloy

Contact plating: Gold over nickel

Insulation material: Glass reinforced thermoplastic, UL flammability rating 94 V-0

Wire accommodation: AWG 26 stranded, AWG 28 solid and stranded, AWG 30 solid

### Electrical

Current rating: 1 amp

Insulation Resistance:

5000 megohms (min)

Dielectric Withstanding Voltage:

500 VAC for 30 seconds

Operating Temperature Range:

-55° C to +130° C

(-67° F to +266° F)

UL Recognized to 130° C

## order information

	842-812	-26	22	1	34
<b>number of contacts:</b>	- 10 - 20 - 34 - 50 - 14 - 26 - 36 - 60 - 16 - 30 - 40 - 64				
<b>center polarizing key options: *</b>	22 = no center polarizing key (CPK) 03 = closed entry cover, no CPK 33 = molded-in center polarizing key 34 = closed entry cover, molded in CPK				
<b>strain relief options:</b>	1 = without strain relief 4 = with strain relief				
<b>plating options:</b>	01 = Tin overall 34 = 30µ gold contact area, tin on termination end				

\*Consult factory for molded-in key Compatible headers: 816, 800/801, 821, and 822 plug  
Blue type indicates standard, available product.

