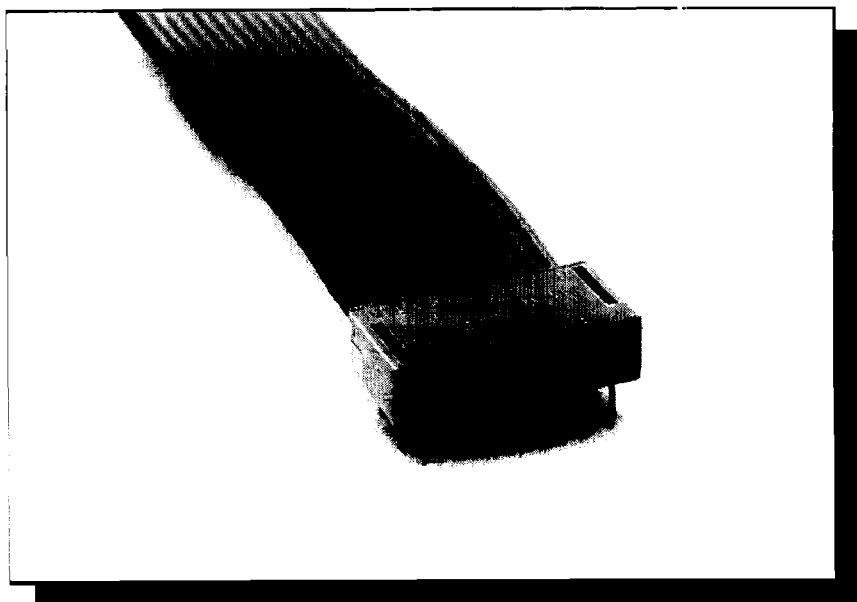


Male Flat Cable Plugs 2P Series



These DIP plug connectors are designed to provide lower installed cost benefits with excellent electrical contact reliability. Primarily used as a disconnectable interface to DIP sockets, these DIP plug connectors are available in 14 and 16 pin versions on .100" x .300" grids, and in 24 and 40 pin versions on .100" x .600" grids.

Features

- Plug and cable available separately or as single or double-ended plug assemblies with either 12-, 24-, or 36-inch cable lengths.
- One-piece insulator design decreases time for plug assembly. To install, the cable end is easily inserted into the one-piece insulator and crimped.
- Insulator design has ridges to position the cable for error-free and positive cable-to-contact alignment. Also features "buttons" which provide positive seating for individual conductors.
- Insulator-displacing contacts eliminate the need for wire stripping. During the crimping action, all conductors are simultaneously forced into the contacts.
- Plugs can be hand assembled for field service capability with use of hand crimping tool.

Materials

- Insulator: Glass reinforced thermoplastic rated 94V-0
- Contact Material: Beryllium copper
- Contact Plating: 10 μ " gold over nickel
- Cable: #28 AWG stranded conductor wire with PVC insulation
- Color: Blue

Performance Characteristics

- Current Rating: 1 Amp
- Insulation Resistance: 1 x 10⁹ Ohms
- Dielectric Strength: 500 VDC at sea level
- Temperature Rating: -55°C to 105°C

Part Number For Completed Assemblies

2	P	X	X	--	1	R	X	X	—	X
Series	# of Contacts		Variations	Entry	Cable Length - inches		Options			
	14 16 24 40				12 24 36 Consult Factory for other lengths		1-Single ended 2-Double ended			

Assembly Tools

Plug Only

Part No	Description	Plug Only Number	Dimensions			
			A	B	C	D
T2P1416-1	Hand tool for 2P14 and 16 plugs.	2P14-1	19.69	5.33	7.62	10.92
T2P/4P-1	Bench press for 2P14 and 16 plugs.		.775	.210	.300	.430
T2P1416-2	Base plate for above bench press.	2P16-1	22.23	5.33	7.62	10.92
Contact factory on tooling for 24 and 40 position plugs.			.875	.210	.300	.430
		2P24-1	32.00	5.69	15.24	18.49
			1.260	.224	.600	.728
2P40-1	52.45	5.69	15.24	18.49		
	2.065	.224	.600	.728		

Dimensions

