

<b>Order code</b>	<b>Manufacturer code</b>	<b>Description</b>
19-0150	n/a	16 WAY A LOADED HALF PCB PLUG
19-0160	n/a	32 WAY A+B HALF PCB PLUG

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The enclosed information is believed to be correct, Information may change 'without notice' due to product improvement. Users should ensure that the product is suitable for their use. E. & O. E.	Revision A 04/07/2003



★ **General specifications:**

Number of contacts: 16, 24, 32, 48, 64, 96.

Contact spacing: 2.54mm (0.1"), 5.08mm (0.2" half-loaded)

**Material**

Insulator: Glass filled polyester (PBT, UL flammability 94V-0)

**Contacts:** Female copper alloy, male brass

**Contact finish:** Contact area: gold over nickel (per requirements of performance class 3, class 2)  
Termination area: TIN-plated or gold-plated for long wrap post

**Mechanical**

**Insertion force:** 96 contacts max 90N

64 contacts max 60N

48 contacts max 45N

32 contacts max 30N

16 contacts max 15N

Withdrawl force per contact: min 0.15N

Temperature range: -55°C to +125°C

Air and creepage distance 1.2mm min

**Electrical**

**Current rating:** 20°C 2A

70°C 1A

100°C 0.5A

Contact resistance:  $\leq 20\text{m}\Omega$

(testing current 100mA)  $\leq 40\text{m}\Omega$  after 400 mating cycles

Capacitance between adjacent contacts: Appr. 2PF

Insulation resistance:  $\geq 10^{12}\Omega$  (between adjacent cotacts at 100 VDC)

Test voltage: 1,000Vrms between contacts (2,54mm spacing)

1,550Vrms between contacts (5.08mm spacing)

1,550Vrms between contacts and body

Operating voltage: 250V AC

★ Specifications are subject to change without prior notice.

★ All dimensions are in mm (milli meter).

**Agency Approval**

**UL** U/L File E149341, Electric rating: 250V, 2A

