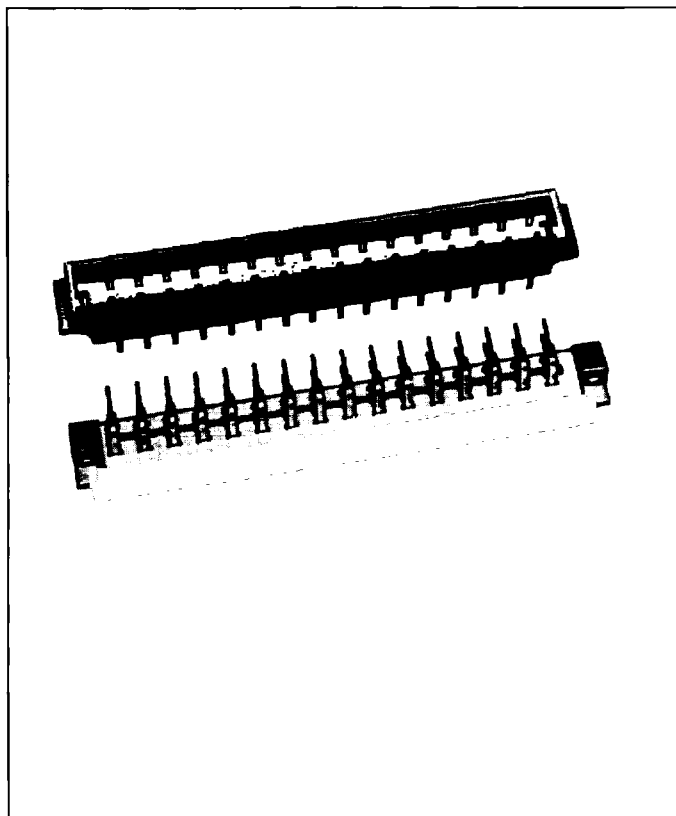
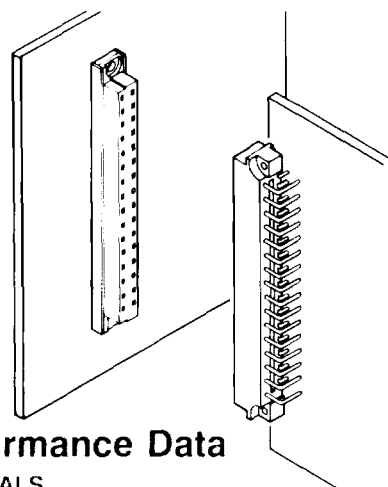


D44 HI-CON™ Eurocard DIN Connectors

Standard DIN Type D Series 100 Male



These plug connectors are primarily used in medium to high power applications such as power supplies and process control equipment. The standard D type plug configuration consists of two rows of 16 contacts each (Row a and c) in a glass filled polyester body with .200" (5.08mm) x .200" (5.08mm) grid spacing. This connector, available with straight or angled wave solder tails has a maximum current capacity of 6 amps.



Performance Data

MATERIALS

Insulator Material: Glass-Filled Polyester
Color Gray
U.L. Flammability 94V-0

Contact Material: Brass

Contact Plating: Selective Minimum Gold Over Nickel
30μ" (.762μm) Gold = Performance Level 1
15μ" (.381μm) Gold = Performance Level 2
8μ" (.20μm) Gold = Performance Level 3

MECHANICAL

Insertion Force (Maximum/Contact): 3.35 oz. (1.5N)

Vibration: 10 to 2000 Hz, 1.5mm Amplitude*

ELECTRICAL

Withstanding Voltage: 1000 VRMS

Current Rating: 6 Amps Maximum per U.L.*

Contact Resistance: <20 Milliohms

Insulation Resistance: 10¹² Ohms

Creepage: 1.8mm Contact/Chassis
3.0mm Contact/Contact

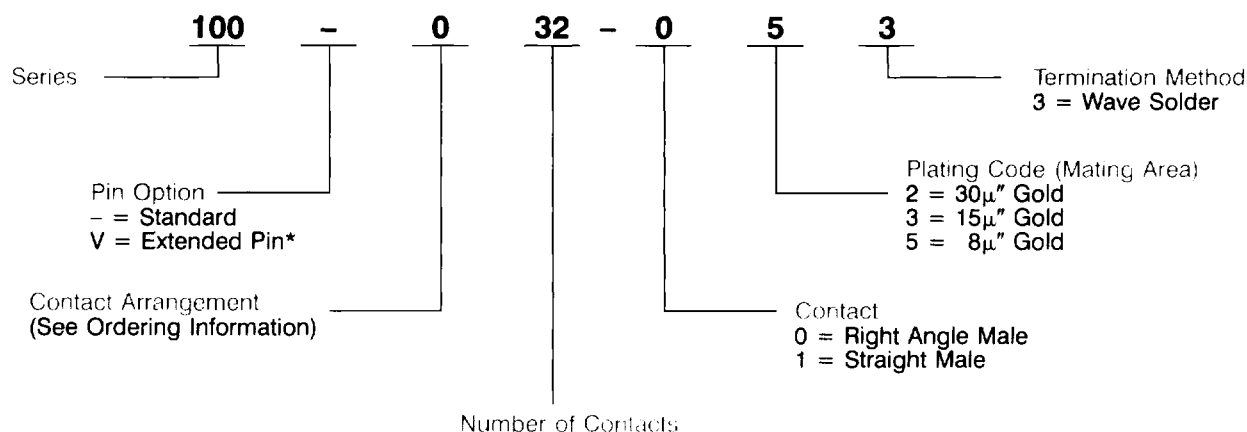
Clearance: 1.6mm Contact/Chassis
1.6mm Contact/Contact

TEMPERATURE

Range: -67°F to +257°F (-55°C to +125°C)*

*For detail information see pages D6-D8

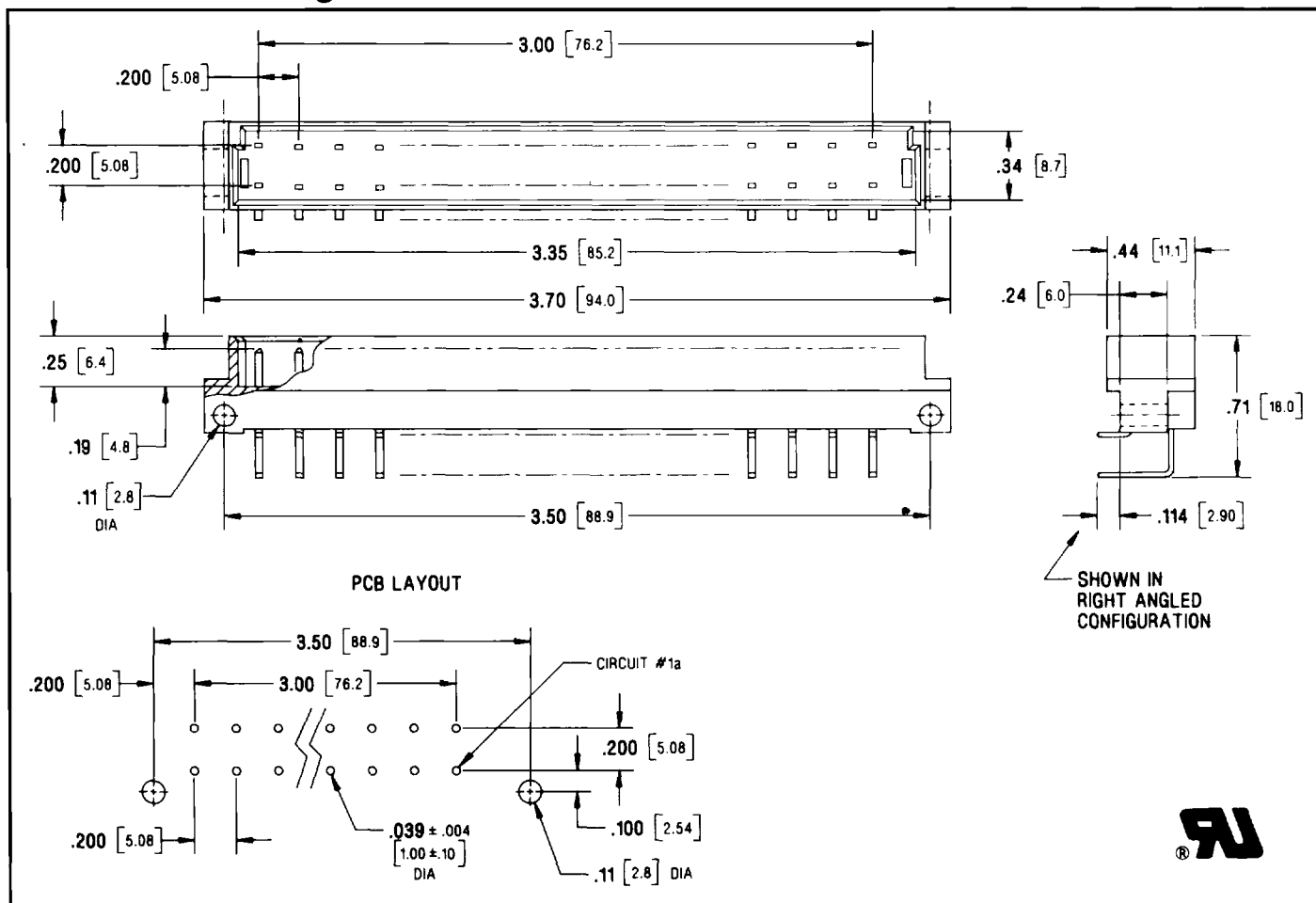
Part Number System



*Row A - Position 32

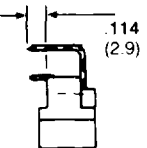
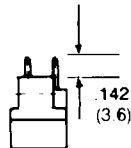
HI-CON™ Eurocard DIN Connectors D45

Standard DIN Type D Series 100 Male Dimension Drawing



D

Ordering Information

Contact Arrangement			Termination Method		Contact Plating (μ" Gold)
			Wave Solder		
			Angled	Straight*	
					
Number of Contacts	Rows Equipped	Positions Equipped			
16	a	EVEN	100-816-023	100-816-123	30
			100-816-033	100-816-133	15
			100-816-053	100-816-153	8
16	a+c	2,6,10 14,18,22 26,30	100-916-023	100-916-123	30
			100-916-033	100-916-133	15
			100-916-053	100-916-153	8
32	a+c	EVEN	100-032-023	100-032-123	30
			100-032-033	100-032-133	15
			100-032-053	100-032-153	8

NOTES: *1. Series 100 straight pin male connectors do not conform to DIN 41612 mounting conditions but are otherwise identical to DIN 41612 specifications.

2. Emphasized part numbers represent the most popular in this series.