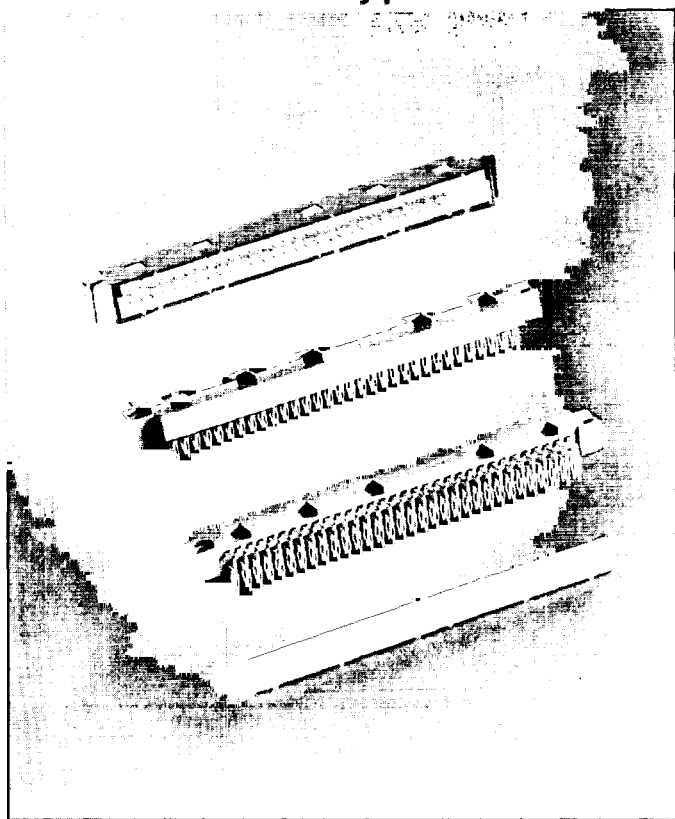
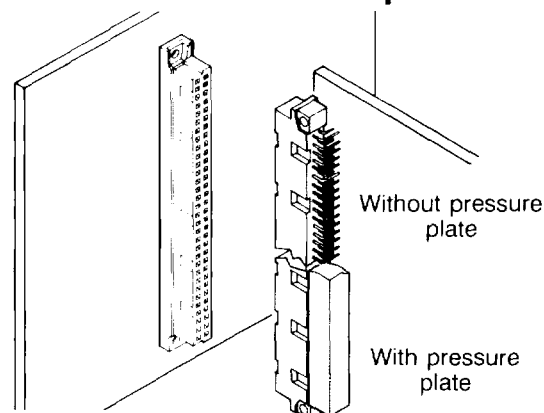


D14 HI-CON™ Eurocard DIN Connectors

Standard DIN Type B and Half B Series 100 Male Compliant



Type B and Half B Series 100 male connectors are offered in 16, 32 and 64 right angle pin configurations using the "eye-of-the-needle" contact style making them ideal for multilayer board applications. These unique, high quality connectors include a discrete contact pressure plate allowing for flat platen termination. They are ideally suited for a wide range of board-to-board connector applications, including computer and industrial equipment. (Compliant press-fit techniques refer to page D11)



Performance Data

MATERIALS

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

Contact Material: Copper Alloy

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: 3 Amps Maximum per U.L.*

Contact Resistance: <20 Milliohms

Insulation Resistance: 10¹² Ohms

Creepage: 1.8mm Contact/Chassis
1.2mm Contact/Contact

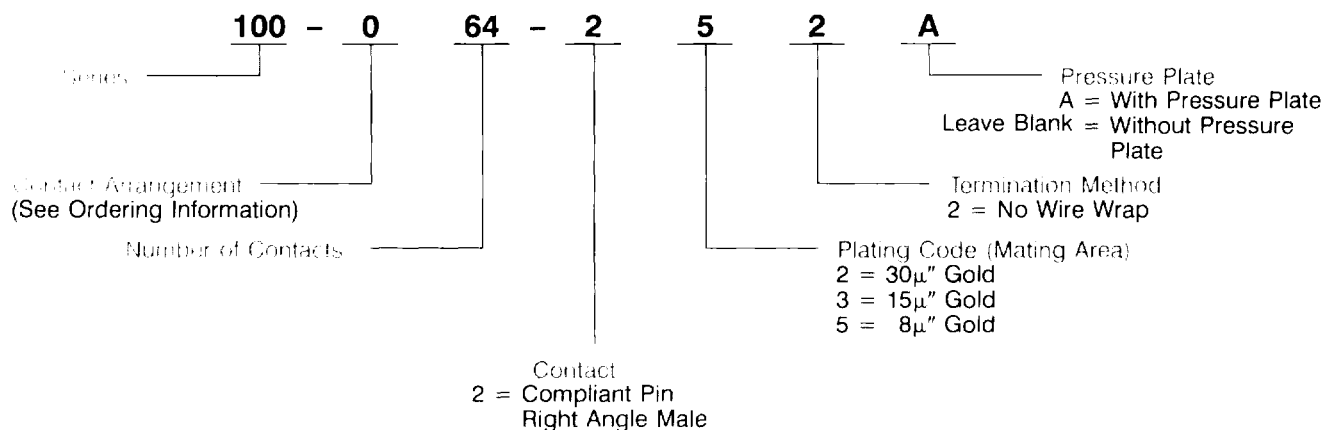
Clearance: 1.6mm Contact/Chassis
1.2mm Contact/Contact

TEMPERATURE

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

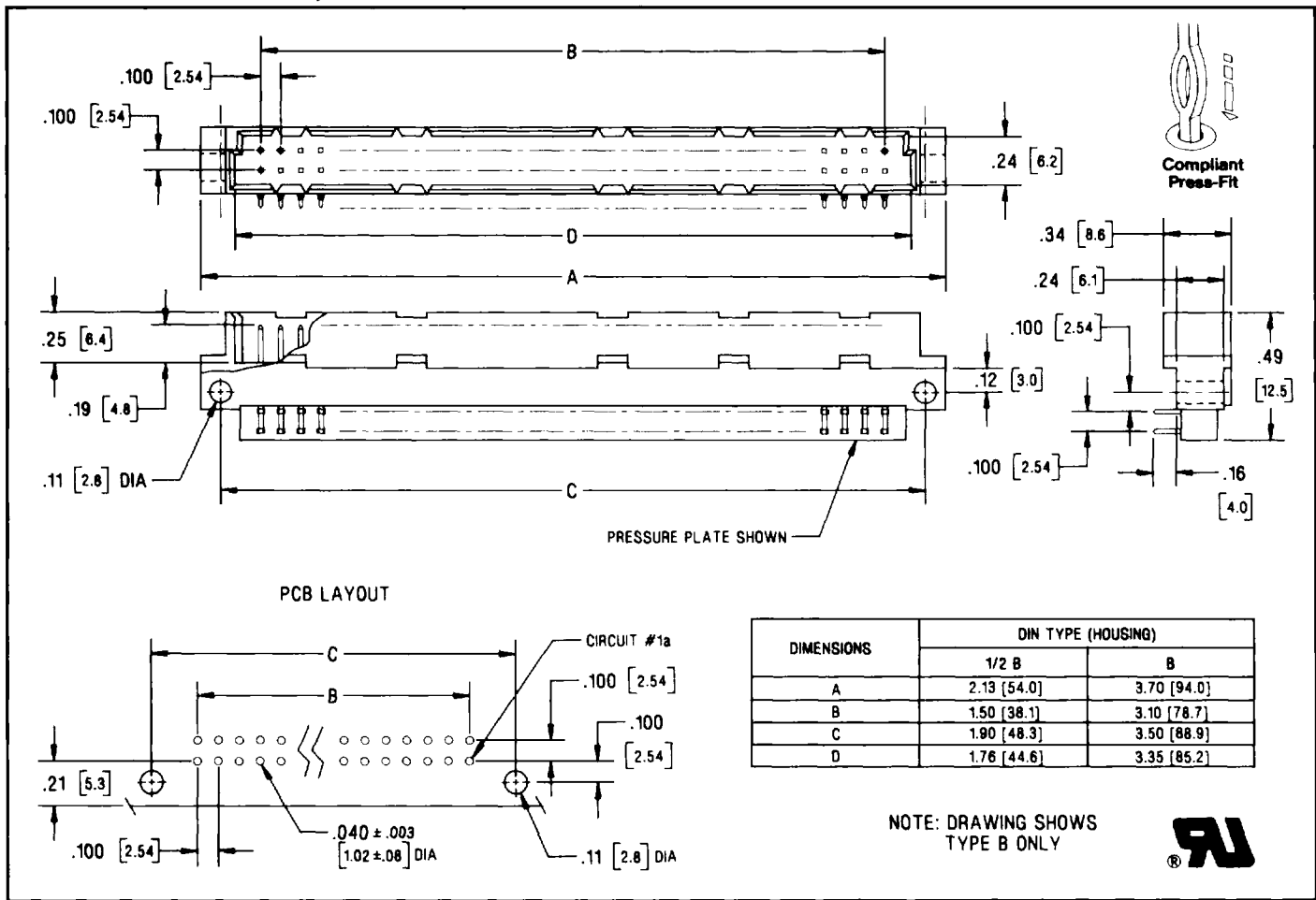
*For detail information see pages D6-D8

Part Number System

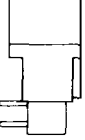


HI-CON™ Eurocard DIN Connectors D15

Standard DIN Type B and Half B Series 100 Male Compliant Dimension Drawing



Ordering Information

Contact Arrangement				Press-Fit Termination	Contact Plating (μ" Gold)
					
TYPE HALF B	Number of Contacts	Rows Equipped	Positions Equipped		
	16	a	ALL	100-116-222A	30
				100-116-232A	15
				100-116-252A	8
	16	a+b	EVEN	100-616-222A	30
				100-616-232A	15
				100-616-252A	8
	32	a+b	ALL	100-632-222A	30
				100-632-232A	15
				100-632-252A	8
TYPE B	32	a	ALL	100-232-222A	30
				100-232-232A	15
				100-232-252A	8
	32	a+b	EVEN	100-532-222A	30
				100-532-232A	15
				100-532-252A	8
	64	a+b	ALL	100-064-222A	30
				100-064-232A	15
				100-064-252A	8

NOTE: Emphasized part number represent the most popular in this series.