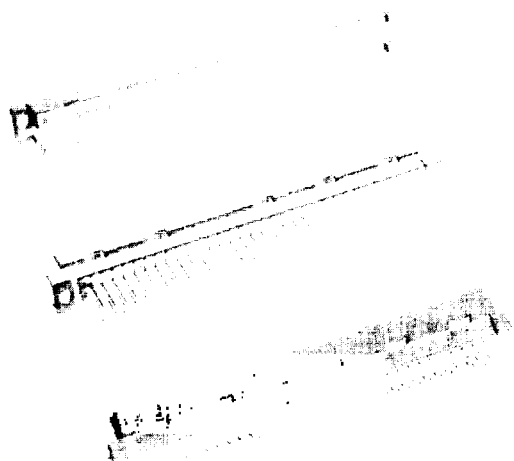
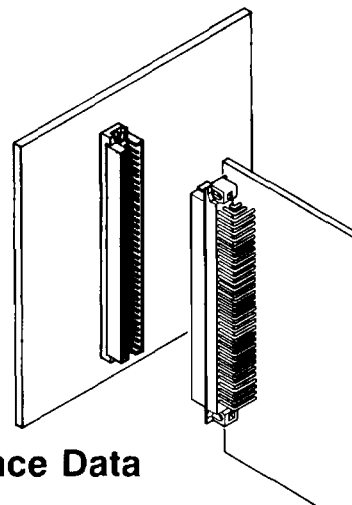


D78 HI-CON™ Eurocard DIN Connectors

Inverse DIN Type R and Half R Series 130 Male Compliant Press-Fit



The type R and Half R Series 130 male press-fit connectors are offered in 16, 32, 48, 64, and 96 pin configurations using the "eye-of-the-needle" contact style. The fully coined edges on the compliant section minimize plated through hole deformation making these connectors ideally suited for use in multilayer backplane applications. (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
30 μ " (.762 μ m) Gold = Performance Level 1
15 μ " (.381 μ m) Gold = Performance Level 2
8 μ " (.20 μ m) 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

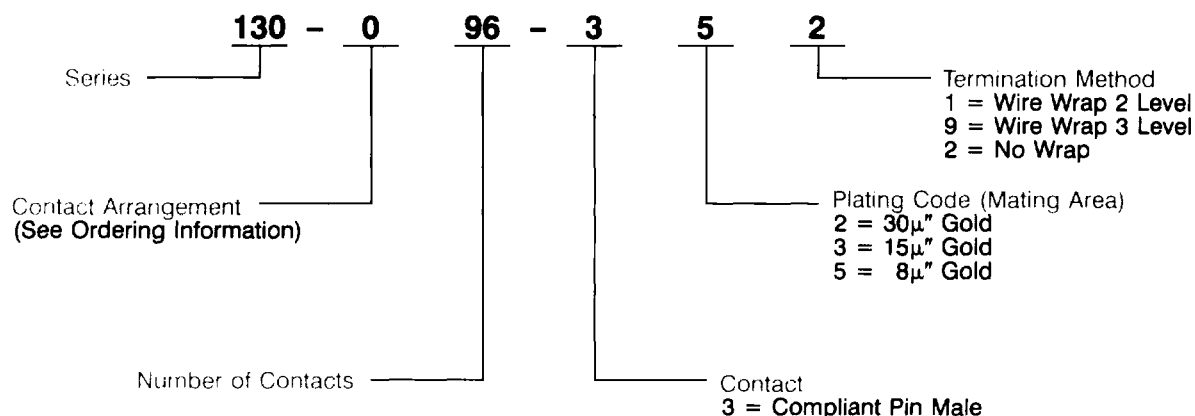
TEMPERATURE

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

*For detail information see pages D6-D8

Note: Consult factory for first make, last break pin configurations.

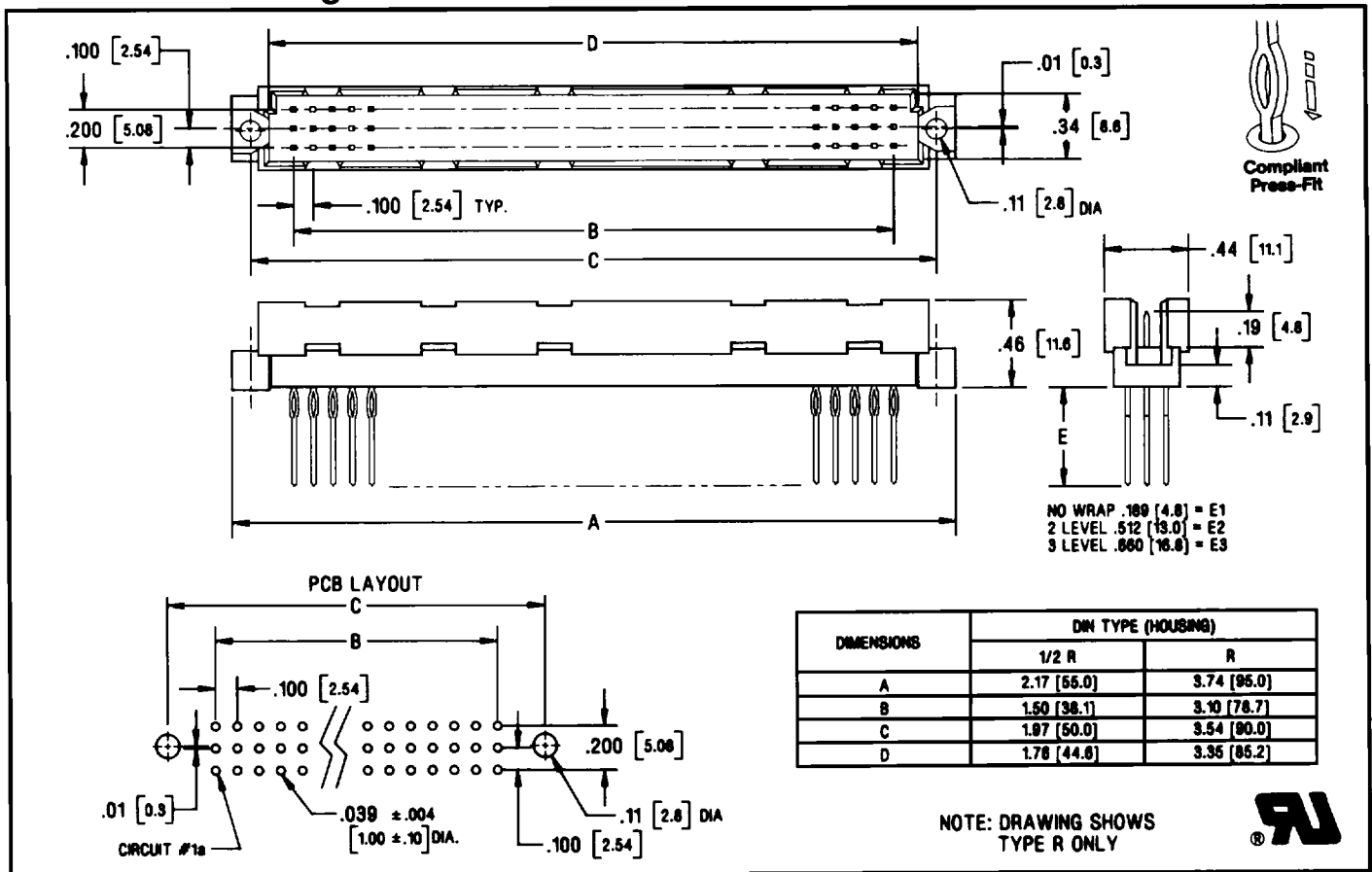
Part Number System



HI-CON™ Eurocard DIN Connectors D79

Inverse DIN Type R and Half R Series 130 Male Compliant Press-Fit

Dimension Drawing



Ordering Information

Contact Arrangement				No Wrap = E1	2 Level = E2	3 Level = E3	Contact Plating (μ" Gold)
Number of Contacts	Rows Equipped	Positions Equipped					
TYPE HALF R	16	a	ALL	130-316-322	130-316-321	130-316-329	30
				130-316-332	130-316-331	130-316-339	15
				130-316-352	130-316-351	130-316-359	8
	32	a+c	ALL	130-332-322	130-332-321	130-332-329	30
				130-332-332	130-332-331	130-332-339	15
				130-332-352	130-332-351	130-332-359	8
	48	a+b+c	ALL	130-348-322	130-348-321	130-348-329	30
				130-348-332	130-348-331	130-348-339	15
				130-348-352	130-348-351	130-348-359	8
TYPE R	32	a	ALL	130-132-322	130-132-321	130-132-329	30
				130-132-332	130-132-331	130-132-339	15
				130-132-352	130-132-351	130-132-359	8
	32	a+c	EVEN	130-932-322	130-932-321	130-932-329	30
				130-932-332	130-932-331	130-932-339	15
				130-932-352	130-932-351	130-932-359	8
	64	a+c	ALL	130-964-322	130-964-321	130-964-329	30
				130-964-332	130-964-331	130-964-339	15
				130-964-352	130-964-351	130-964-359	8
	96	a+b+c	ALL	130-096-322	130-096-321	130-096-329	30
				130-096-332	130-096-331	130-096-339	15
				130-096-352	130-096-351	130-096-359	8

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