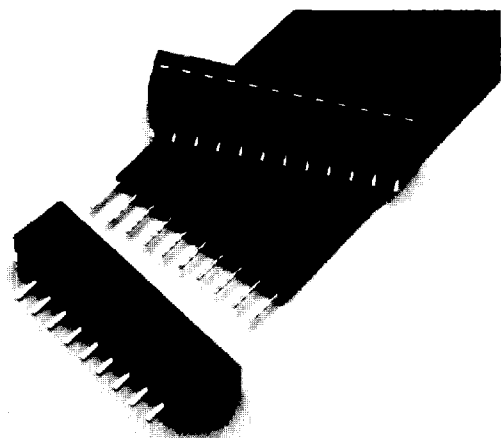


2.54mm ROUND CONDUCTOR / FLAT CABLE

WIREMATE™ HBRB SERIES

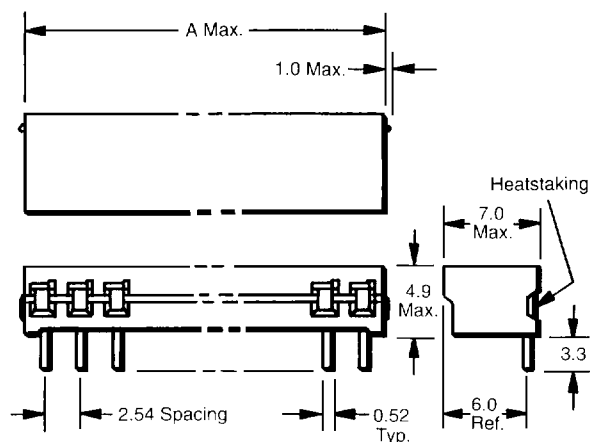


WIREMATE is a versatile, reliable, fully assembled, one piece connector for round conductor, flat cable. Directly pluggable to round solid or fused stranded flat cable, WIREMATE requires no special handling, tooling or training.

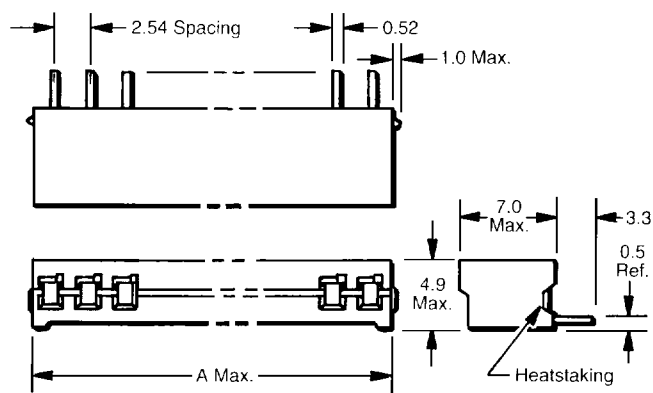
- **Compact, low profile design**
 - For tighter packaging densities
- **Equal in reliability to gold plated systems**
 - Significant cost savings
- **Soldered directly to PC board**
 - No separate handling

DIMENSIONS

Side Entry



Top Entry



No. of Contacts	Catalog Number	Dimensions
		A
2	HBRB2R/S-1J	5.1
3	HBRB3R/S-1J	7.6
4	HBRB4R/S-1J	10.2
5	HBRB5R/S-1J	12.7
6	HBRB6R/S-1J	15.2
7	HBRB7R/S-1J	17.8
8	HBRB8R/S-1J	20.3
9	HBRB9R/S-1J	22.9
10	HBRB10R/S-1J	25.4
11	HBRB11R/S-1J	27.9

No. of Contacts	Catalog Number	Dimensions
		A
12	HBRB12R/S-1J	30.5
13	HBRB13R/S-1J	33.0
14	HBRB14R/S-1J	35.6
15	HBRB15R/S-1J	38.1
16	HBRB16R/S-1J	40.6
17	HBRB17R/S-1J	43.2
18	HBRB18R/S-1J	45.7
19	HBRB19R/S-1J	48.3
20	HBRB20R/S-1J	50.8
21	HBRB21R/S-1J	53.3

■ PERFORMANCE CHARACTERISTICS

Operating Temperature -55°C to +75°C

Electrical

Operating Voltage 200V A.C.

Current Rating 1A

Contact Resistance 30mΩ Max.

Insulation Resistance 5000mΩ Min.

Dielectric Withstanding Voltage 1000V A.C.

Physical

Durability No electrical degradation

5 Cycles (2 to 4 Contacts) 20 Cycles (5 to 21 Contacts)

Vibration Mil-STD-202; Method 204 Condition A

Environmental

Mechanical Shock MIL-STD-202; Method 213, Condition D

Thermal Shock MIL-STD-202; Method 107

Moisture Resistance MIL-STD-202; Method 106,
omit steps 7a and 7b

Recommended FFC

Flat Cable No. 24, No. 26, No. 28 solid or solder fused
stranded conductor

■ MATERIAL

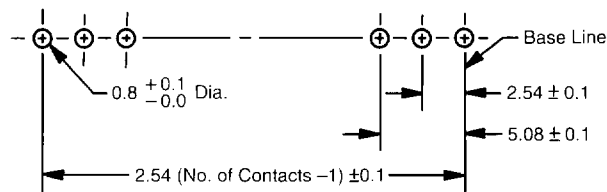
Body Thermoplastic Polyester, glass reinforced

Color Black

Flammability Rating UL94V-O

Contact Phosphor Bronze (Tin alloy plated)

■ RECOMMENDED PC BOARD PATTERN



■ ORDERING INFORMATION

