

**Metal Film Resistors, Industrial, Zero Ohm Jumper Resistor**

**FEATURES**

- Provides low resistance circuit interconnections
- Color band marking for ease of identification after mounting
- Flame retardant coating
- Compatible with automatic insertion equipment
- Tape and reel packaging



**STANDARD ELECTRICAL SPECIFICATIONS**

MODEL	MAXIMUM RESISTANCE VALUE mΩ	MAXIMUM CURRENT A	
		@ + 25°C	@ + 150°C
FRJ-50	10	25	0
FRJ-55	10	25	0

**TECHNICAL SPECIFICATIONS**

PARAMETER	UNIT	FRJ-50	FRJ-55
Insulation Resistance - Dry	MΩ	10,000	10,000
Insulation Resistance - Wet	MΩ	100	100
Category Temperature Range	°C	- 55 / + 155	- 55 / + 155
Dielectric Strength - Atmospheric - Reduced	V <sub>RMS</sub>	500	500
	V <sub>RMS</sub>	325	325
Failure Rate	10 <sup>-9</sup> /h	< 10	< 10
Weight	g	0.1	0.2

**MATERIAL SPECIFICATIONS**

Insulation Flammability:	Self extinguishing 10 seconds after flame is removed	Lead Material:	Tin-plated copper (maximum 98% tin)
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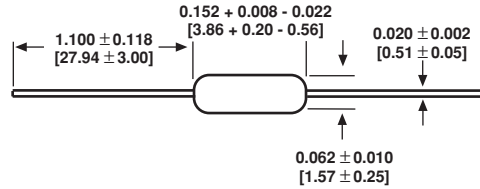
**ORDERING INFORMATION**

FRJ	55
MODEL	SIZE
Zero Ohm Jumper	50
	55

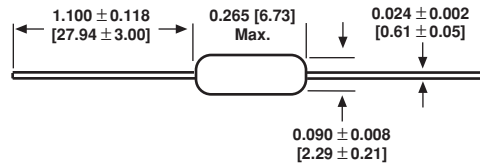


**DIMENSIONS** in inches [millimeters]

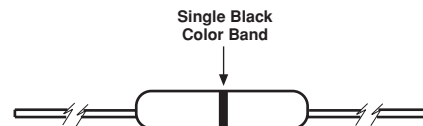
**FRJ-50**



**FRJ-55**



**MARKING**



**PACKAGING**

Taped Lead and Reel Package  
(52.4mm inside tape spacing per EIA-296-E).

**Notes:**

1. Quantity per reel: 5,000 pieces in 5,000-piece increments.
2. A minimum of 12.0" [305mm] bare tape leader shall be provided at each end of the reel.
3. Paper separator protection between layers of components.
4. Reel arbor hole is 1.25" [31.75mm].