

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
- Lead (Pb)-Free version is RoHS Compliant



STANDARD ELECTRICAL SPECIFICATIONS				
GLOBAL MODEL	HISTORICAL MODEL	MAXIMUM RESISTANCE VALUE mΩ	MAXIMUM CURRENT A	
			@ + 25°C	@ + 150°C
FRJ50	FRJ-50	10	25	0

TECHNICAL SPECIFICATIONS		
PARAMETER	UNIT	FRJ50
Insulation Resistance - Dry	MΩ	10,000
Insulation Resistance - Wet	MΩ	100
Category Temperature Range	°C	- 55 / + 155
Dielectric Strength - Atmospheric - Reduced	V _{RMS}	500
	V _{RMS}	325
Failure Rate	10 ⁻⁹ /h	< 10
Weight	g	0.1

MATERIAL SPECIFICATIONS			
Insulation Flammability:	Self extinguishing 10 seconds after flame is removed	Solder plated copper:	Tin-plated copper or Tin/Lead plated copper

GLOBAL PART NUMBER INFORMATION

New Global Part Numbering: FRJ50R36 (preferred part numbering format)

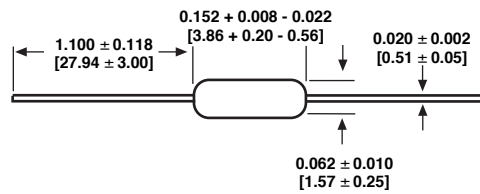
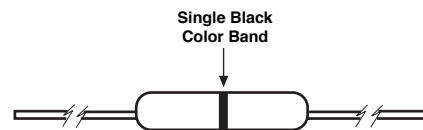
F	R	J	5	0	R	3	6			
GLOBAL MODEL			PACKAGING				SPECIAL			
FRJ50			E36 = Lead Free, T/R (5000 pcs) R36 = Tin/Lead, T/R (5000 pcs)				Blank = Standard (Dash Number) (up to 3 digits) From 1-999 as applicable			

Historical Part Number example: FRJ-50 (will continue to be accepted)

FRJ-50	R36
HISTORICAL MODEL	PACKAGING

* Pb containing terminations are not RoHs compliant, exemptions may apply

DIMENSIONS in inches [millimeters]

FRJ50

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].



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