

Features

- 1/4" Round / Single-Turn / Cermet Industrial / Sealed
- <u>Listed on the QPL</u> per MIL-PRF-22097 and High-Rel MIL-PRF-39035
- For trimmer applications/processing guidelines, <u>click here</u>

RJ50/RJR50 – 1/4 "Round Trimpot® Trimming Potentiometer

Electrical Characteristics

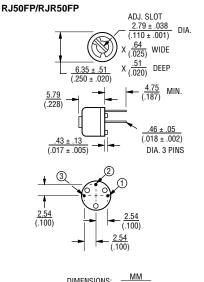
Standard Resistance Range
10 to 1 megohm
(see standard resistance table)
Resistance Tolerance±10 % std.
Absolute Minimum Resistance
1 % or 2 ohms
(whichever is greater)
Contact Resistance Variation
3.0 % or 3 ohms max.
(whichever is greater)
Adjustability
Voltage±0.05 %
S .
Resistance±0.15 %
ResolutionInfinite
Insulation Resistance 500 VDC
1,000 megohms min.
Dielectric Strength
Sea Level600 VAC
80,000 Feet250 VAC
,
Adjustment Angle 240 ° nom.

Environmental Characteristics

Physical Characteristics

Mechanical Angle	260 ° nom.
Torque	5.0 oz-in. max.
Stop Strength	5.0 oz -in. min.
Terminals	Solderable pins
Weight	0.02 oz.
MarkingManufa	cturer's trademark,
resistanc	e code, date code,
manufactur	er's model number
	and style
Wiper 50 %	(Actual TR) ±10 %
Standard Packaging	50 pcs. per tube
Adjustment Tool	H-90

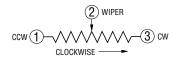
Product Dimensions



DIMENSIONS: MIM (INCHES

TOLERANCES: $\pm \frac{0.25}{(.010)}$ EXCEPT WHERE NOTED

Schematic



Additional Information

Click these links for more information:











PRODUCT SELECTOR

LIBRARY

SAMPLES

CONTAC

How To Order

MIL-PRF-22097	RJ50 F P 103
Model —	
Characteristic ————————————————————————————————————	Coeff. Max.
Terminal Style	
Resistance Code	

How To Order

How to Order	
MIL-PRF-39035	RJR50 F P 203 F
Model —	
Characteristic ————————————————————————————————————	
Terminal Style ——	
Resistance Code —	
Foilure Bote	

Failure Rate M = 1.0 % P = 0.1 %

Standard Resistance Table

Resistance (Ohms)	Resistance Code
10	100
20	200
50	500
100	101
200	201
500	501
1,000	102
2,000	202
5,000	502
10,000	103
20,000	203
25,000	253
50,000	503
100,000	104
200,000	204
250,000	254
500,000	504
1,000,000	105



WARNING Cancer and Reproductive Harm www.P65Warnings.ca.gov

*RoHS Directive 2015/863, Mar 31, 2015 and Annex.
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