

Features

- Multiturn / Wirewound / Industrial / Sealed
- Listed on the QPL per MIL-PRF-27208 and High-Rel MIL-PRF-39015
- Panel mount option available
- For trimmer applications/processing guidelines, click here

RT24/RTR24 - 3/8 " Square Trimpot® Trimming Potentiometer

Electrical Characteristics

Liectifical Charac	ici istics
	e Range 10 to 10K ohms 500 to 10K ohms
`	ard resistance table)
Absolute Minimum F	Resistance
	0.1 % or 1 ohm max.
	whichever is greater)
	100 ohms ENR max.
Resolution	
	ard resistance table)
	e 500 vdc.
	1,000 megohms min.
Dielectric Strength	
	1,000 vac
	350 vac
aajustment Travel	25 turns nom.

Environmental Characteristics

Power Rating @ 85 °C	0.75 watt
Power Rating @ 150 °C	0 wat
Temperature Range65	°C to +150 °C
Temperature Coefficient	±50 ppm/°C
Seal Test 85	°C Fluorinert*
Humidity	
RT24(1 % ΔTR; 10	Megohms IR)
RTR24(1 % ΔTR; 100	Megohms IR)
Vibration	20Ġ
	

(1 % Δ TR; 0.5 % + resolution Δ VR) Shock.....100G (1 % Δ TR; 0.5 % + resolution Δ VR) Load Life RT24 .1,000 hours 0.75 watt @ 85 °C

(2 % Δ TR; 2 % + resolution Δ VR) RTR24...... 10,000 hours 0.75 watt @ 85 °C

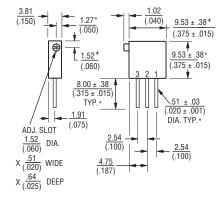
(3 % + resolution ΔVR) Rotational Life......200 cycles (2 % ΔTR)

Physical Characteristics

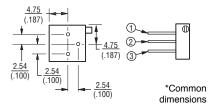
	5.0 oz-in. max.
Mechanical Stop	os Wiper idles
Terminals MI	L-STD-202; Method 208
Weight	0.025 oz.
Marking	Mil-spec part number
Wiper	50 % (Actual TR) ±10 %
Flammability	U.Ĺ. 94V-0
Standard Packa	ging 50 pcs. per tube
	H-90

Product Dimensions

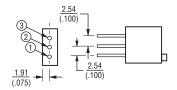
RT24C2X/RTR24DX **Common Dimensions**

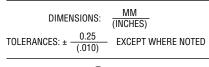


RT24C2P/RTR24DP



RT24C2W/RTR24DW







How To Order

MIL-PRF-27208 RT2	24	C2	Ρ	50
Model —				
Characteristic — C = ±50 ppm/°C Temp. Coeff.	. M	 ax.		
2 = 85 °C Rating Temp. 150 °C Max. Operating To	· em	p.		
Terminal Style —				
Resistance Code ————				

How To Order

How to Order				
MIL-PRF-39015	RTR24	DΡ	202	M
Model —				
Characteristic ————————————————————————————————————		ax.		
Terminal Style ——				
Resistance Code —				
Failure Rate — M = 1.0 %				

RT24 Standard Resistance Table

Resistance Code	Nominal Resolution (Percent)		
100	1.11		
200	0.93		
500	0.62		
101	0.60		
201	0.54		
501	0.42		
102	0.33		
202	0.26		
502	0.20		
103	0.17		
	Code 100 200 500 101 201 501 102 202		

RTR24 Standard Resistance Table

Resistance (Ohms)	Resistance Code	Nominal Resolution (Percent)
500	501	0.60
1,000	102	0.40
2,000	202	0.30
5,000	502	0.25
10,000	103	0.19



^{*}RoHS Directive 2002/95/EC Jan. 27, 2003 including annex and RoHS Recast 2011/65/EU June 8, 2011.

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RT24C2P100 RT24C2P201 RT24C2W100 RTR24DP102M RTR24DP103M RTR24DP202M RTR24DP501M

RTR24DP502M RTR24DW102M RTR24DW103M RTR24DW202M RTR24DW501M RTR24DW502M

RTR24DX102M RTR24DX103M RTR24DX202M RTR24DX501M RTR24DX502M RT24C2W500 RT24C2P200

RT24C2W103M RT24C2X200M RT24C2X100 RTR24DW102MM RT24C2W200 RT24C2W201 RT24C2P500

RT24C2P502 RT24C2W103 RT24C2W102 RT24C2P101 RT24C2X200 RT24C2X500 RT24C2P501 RT24C2P103

RT24C2X101 RT24C2X202 RT24C2X102 RT24C2W501 RT24C2X502 RT24C2X501 RT24C2P102

RT24C2W101 RT24C2W502 RT24C2P202 RT24C2W202 RT24C2X103 RTR24DW103MM RTR24DW200M