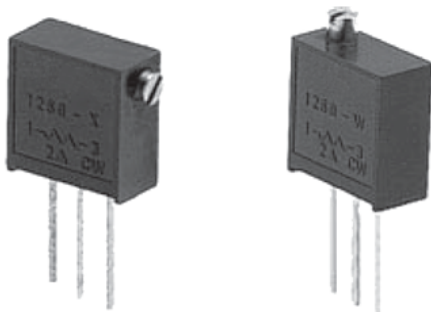


Bulk Metal® Foil Ultra High Technology Precision Trimming Potentiometers, 3/8 in Square, RJ24 Style
Designed to Meet or Exceed the Requirements of MIL-PRF-39035, Char. H with a Smooth and Unidirectional Output



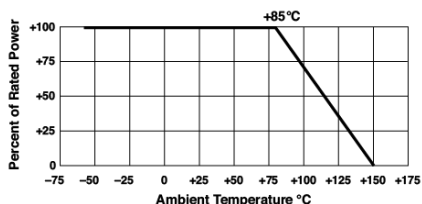
Pb-free
Available
RoHS*
COMPLIANT

Features:

- Temperature coefficient of resistance (TCR): ± 10 ppm/ $^{\circ}\text{C}$ (-55°C to $+150^{\circ}\text{C}$ ref. at $+25^{\circ}\text{C}$); through the wiper(2); ± 25 ppm/ $^{\circ}\text{C}$ (see table 2 for low values)
- A smooth and unidirectional resistance with leadscrew adjustment
- Load life stability: 0.1% typical ΔR , 1.0% maximum ΔR under full rated power at $+85^{\circ}\text{C}$ for 10 000 h
- Settability: 0.05% typical; 0.1% maximum
- Setting stability: 0.1% typical; 0.5% maximum
- Power rating: 0.25 W at $+85^{\circ}\text{C}$
- Resistance range: 5 Ω to 10 k Ω
- Resistance tolerance: $\pm 5\%$, $\pm 10\%$

* This datasheet provides information about parts that are RoHS-compliant and/or parts that are non-RoHS-compliant. For example, parts with lead (Pb) terminations are not RoHS compliant. Please see the information/tables in this datasheet for details.

Power Derating Curve



Resistance Versus TCR

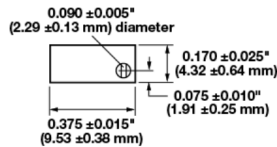
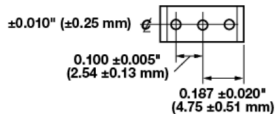
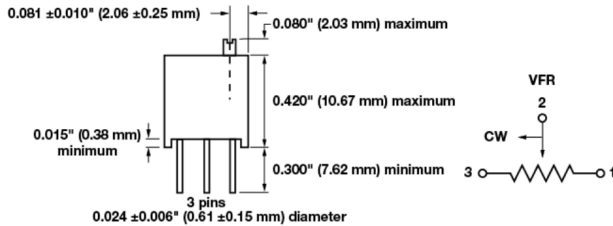
STANDARD RESISTANCE VALUES (in Ω)	STANDARD TOLERANCE
5, 10	$\pm 10\%$
20, 50, 100, 200, 500, 1k, 2k, 5k, 10k	$\pm 5\%$

Specifications	
Temperature Coefficient of Resistance (TCR) 50 Ω to 10 kΩ End-to-end ⁽¹⁾	± 10 ppm/ $^{\circ}$ C maximum (-55° C to $+150^{\circ}$ C, $+25^{\circ}$ C ref.)
Temperature Coefficient of Resistance 5, 10 and 20 Ω Through the wiper ⁽²⁾	± 20 ppm/ $^{\circ}$ C ± 25 ppm/ $^{\circ}$ C
Stability Load life at 10 000 h	0.1% typical ΔR 1.0% maximum ΔR (under full rated power of 0.25 W at $+85^{\circ}$ C)
Power Rating⁽³⁾	0.25 W at $+85^{\circ}$ C
Settability	0.05% typical; 0.1% maximum
Setting Stability	0.1% typical; 0.5% maximum
Contact Resistance Variation – CRV (noise)	3 Ω typical; 10 Ω maximum
Hop-off	0.25% typical; 1.0% maximum
High-Frequency Operation Rise/decay time Inductance Capacitance	1.0 ns without ringing 0.08 μ H typical 0.5 pF typical
Operating Temperature Range	-55° C to $+150^{\circ}$ C

Model Selection				
MODEL	TERMINATION STYLE	AVERAGE WEIGHT (g)	POWER RATING at $+85^{\circ}$ C AMBIENT	NO. OF TURNS
1260	W-edge mount, top adjust	0.4	0.25 W	21 $\pm$ 2
	X-edge mount, side adjust			

Dimensions in inches (millimeters)

1260W



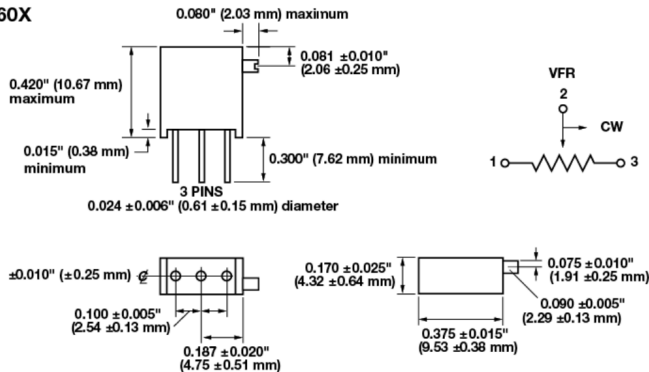
STANDARD MARKING

Model No.
Date code
Resistance value
Tolerance
Termination finish – in case of lead free (L.F)

NOTES

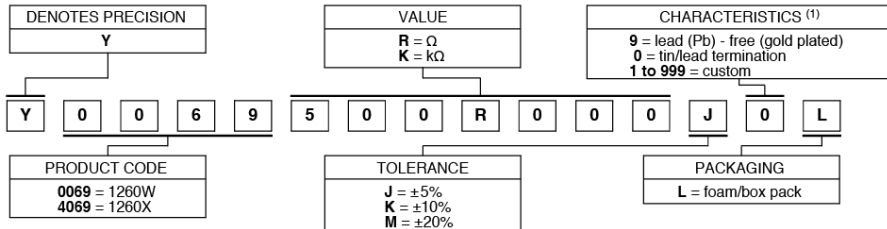
Adjustment screw 0.090 in (2.29 mm) diameter with 0.020 in (0.51 mm) $\times$ 0.031 in (0.79 mm) slot.
Model 1260 has tin/lead or gold plated pins.
0.024 in (0.61 mm) diameter, 0.300 in (7.62 mm) length minimum.

1260X



Global Part Number Information

NEW GLOBAL PART NUMBER: Y0069500R000J0L (preferred part number format)



FOR EXAMPLE: ABOVE GLOBAL ORDER Y0069 500R000 J 0 L:

TYPE: 1260W

VALUE: 500.0 Ω ABSOLUTE TOLERANCE: $\pm 5.0\%$

TERMINATION: tin/lead

PACKAGING: foam/box pack

HISTORICAL PART NUMBER: 1260W 500R00 J B B (will continue to be used)

1260W	500R00	J	B	B
MODEL	RESISTANCE VALUE	TOLERANCE	TERMINATION	PACKAGING
1260W 1260X	500R00 = 500.00 Ω	J = $\pm 5\%$ K = $\pm 10\%$ M = $\pm 20\%$	S = gold plated termination B = tin/lead	B = foam/box pack