



1 1/4" Rectangular Multi-Turn Cermet Trimmer

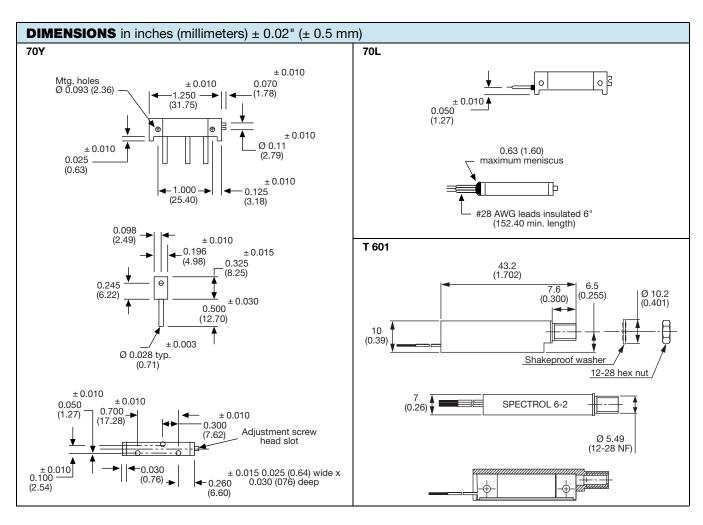


FEATURES

- 0.5 W at 70 °C
- Unique "T" slider block design



- Wire leads available
- CRV of 3 % or 3 Ω
- RT tolerance ± 10 % STD (± 5 % available)
- Tests according to CECC 41000 or IEC 60393-1
- Material categorization: For definitions of compliance please see <u>www.vishay.com/doc?99912</u>



Vishay Spectrol

ELECTRICAL SPECIFICATIONS					
Resistance range	10 Ω thru 2 M Ω				
Standard resistance tolerance	10 %				
End resistance	2 % maximum				
Actual effective electrical travel	20 turns nominal				
Contact resistance variation	3 % or 3 Ω, whichever is greater				
Dielectric withstanding voltage	1000 V _{AC} at sea level, 350 V _{AC} at 80 000 feet (24 400 meters)				
Insulation resistance	1000 ΜΩ				
Power rating	0.5 W at 70 °C 0.6 0.5 0.7 0.7 0.7 0.7 0.7 0.7 0.7				
Circuit diagram	$ \begin{array}{c} \overset{\mathbf{a}}{\bigcirc} & & & \overset{\mathbf{c}}{\bigcirc} \\ (1) & & \overset{\mathbf{b}}{\bigcirc} & \to & cw \\ (2) & & & & & & \\ \end{array} $				
Limiting element voltage	350 V				
Temperature coefficient of resistance (typical)	± 100 ppm/°C				

MECHANICAL SPECIFICATIONS				
Operating torque	5 oz. in (3.60 Ncm) maximum			
Rotational life 200 cycles with loaded circuit, maximum change in resistance 2 % or 500 cycles without discontinuity unloaded				
Weight	0.116 oz. (3.3 g) maximum			
Terminals	Pure Sn (code e3)			

ENVIRONMENTAL SPECIFICATIONS				
Operating temperature range	-55 °C to +125 °C (100 °C for leadwire style)			
Terminal strength	2 lbs (9 N) minimum push/pull			
Sealed	All units sealed to permit cleaning in common solvents immersion			
Climatic category	M70Y: 55/125/21 M70L: 55/100/21			

PERFORMANCES						
TESTS	CONDITIONS	TYPICAL VALUES AND DRIFTS				
	CONDITIONS	$\Delta R_{T}/R_{T}$ (%)	$\Delta R_{1-2}/R_{1-2}$ (%)			
Thermal shock	-55 °C to +125 °C, 5 cycles (100 °C for leadwire style)	1 %	1 %			
Shock	50 g at 11 ms, 3 successive shocks in 3 directions	1 %	1 %			
Vibration	10 Hz to 55 Hz 0.75 mm or 10 g for 6 h	1 %	1 %			
Load life	1000 h at rater power 90'/30'	1 %	5 %			
High temperature exposure	+125 °C (100 °C for leadwire style)	1 %	5 %			
Resistance to solder heat	350 °C for 3 s	1 %	-			



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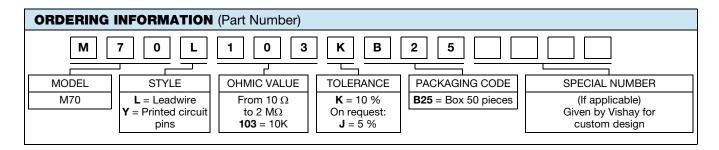
Vishay Spectrol

MARKING

- Model
- Ohmic value
- Tolerance
- Circuit diagram
- · Manufacturing date

PACKAGING

In box of 50 pieces code B25 (BO50)



DESCRIPTION (for information only)						
70	L	10K	10 %		BO50	e3
MODEL	STYLE	VALUE	TOLERANCE	SPECIAL	PACKAGING	LEAD (Pb)-FREE



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многоканальный

Общество с ограниченной ответственностью «МосЧип» ИНН 7719860671 / КПП 771901001 Адрес: 105318, г.Москва, ул.Щербаковская д.3, офис 1107

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Офис по работе с юридическими лицами:

105318, г. Москва, ул. Щербаковская д. 3, офис 1107, 1118, ДЦ «Щербаковский»

Телефон: +7 495 668-12-70 (многоканальный)

Факс: +7 495 668-12-70 (доб.304)

E-mail: info@moschip.ru

Skype отдела продаж:

moschip.ru moschip.ru_6 moschip.ru 4 moschip.ru 9