



Cermet Trimmers Surface Mount, 4.0 mm Square, Single Turn, Industrial Grade





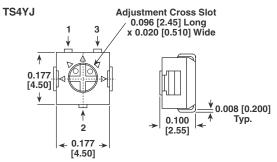
FEATURES

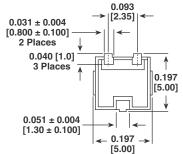
- · Fully sealed to withstand board washing
- · Compatible with surface mount manufacturing processes
- Compatible with popular vacuum pick-and-place equipment
- J-hook and gull-wing configurations

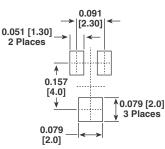


COMPLIANT

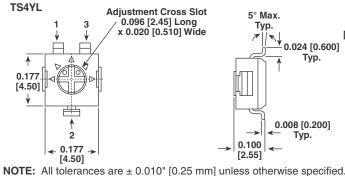
DIMENSIONS in millimeters

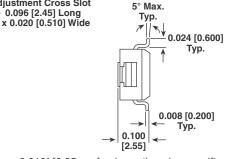


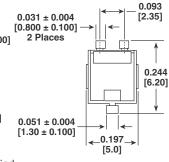


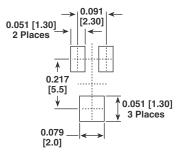


Recommended PCB Footprint









Recommended PCB Footprint

MECHANICAL SPECIFICATIONS

Mechanical Angle: 240° nominal **Operating Torque:** 1.8 Ncm typical **End Stop Torque:** 3.0 Ncm typical

Weight: Approximately 0.01 ounce

Wiper: Positioned at 50 % nominal

Flammability: UL 94V-0 Vibration: 20 G (total resistance shift ± 1 %,

voltage ratio shift ± 1 %)

100 G (total resistance shift ± 1 %, Shock:

voltage ratio shift ± 1 %)

At + 70 °C rated power 1000 hours Load Life:

(total resistance shift ± 3 %)

Rotational Life: 100 cycles (total resistance shift ± 3 %) **Thermal Shock:** 5 cycles (total resistance shift ± 2 %,

voltage ratio shift ± 1 %)

ENVIRONMENTAL SPECIFICATIONS

Temperature Range: - 55 °C to + 125 °C

Humidity: 90 - 98 % realtive humidity 10 cycles,

240 hours, (total resistance shift \pm 2 %, insultaion resistance 10 M Ω)

ELECTRICAL SPECIFICATIONS				
Resistive Range	10 Ω to 2 M Ω (See Standard Resistance Table)			
Tolerance	± 20 % standard			
End Resistance	1 % or 2 Ω maximum, whichever is greater			
Temperature Coefficient	± 100 ppm/°C			
Power Rating	(300 volts maximum) 0.25 watt at + 70 °C, 0 watt at + 125 °C			
Contact Resistance Variation (CRV)	1 % or 3 Ω			
Resolution	Infinite			
Insulation Resistance (500 VDC)	100 M Ω minimum			
Dielectric Strength	Sea level 500 VAC (1 minute)			
Adjustment Angle	210° nominal			

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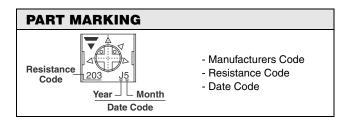


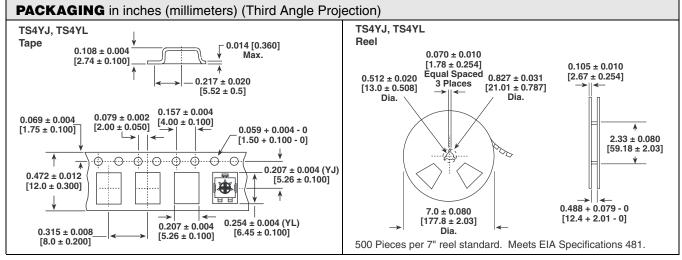
TWO I	DIGI	T D	ATE CO	DE				
YEAR								
1980	N	1	1990	Α	20	00	М	
1981	١	_	1991	В	2001		N	
1982	F	•	1992	С	2002		Р	
1983	F	₹	1993	D	2003		R	
1984	S	3	1994	Е	2004		S	
1985	T		1995	F	2005		Т	
1986	Ĺ	J	1996	Н	2006		U	
1987	V		1997	J	2007		V	
1988	٧	V	1998	K	2008		W	
1989	>	`	1999	L	2009		Х	
	MONTH							
Januar	January 1		1	July		7		
Februa	ry	2		August		8		
March	1	3		September		9		
April		4		October		0		
May		5		November		N		
June	June 6		December		D			

STANDARD RESISTANCE TABLE					
RESISTANCE (OHMS)	RESISTANCE CODE				
10	100				
20	200				
50	500				
100	101				
200	201				
500	501				
1000	102				
2000	202				
5000	502				
10 000	103				
20 000	203				
50 000	503				
100 000	104				
200 000	204				
500 000	504				
1 000 000	105				
2 000 000	205				

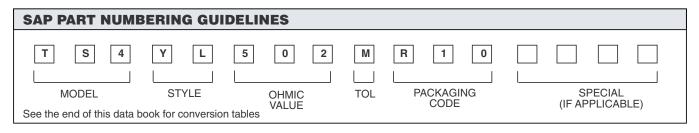
NOTE: Special resistance available

CIRCUIT DIAGRAM			
Wiper			
0 2 1			
Clockwise			





NOTE: Specifications are subject to change without notice





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All product specifications and data are subject to change without notice.

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