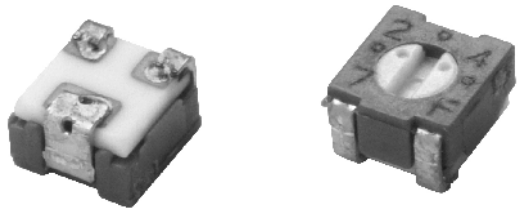
Surface Mount Miniature Trimmers 3mm Single-Turn Cermet Sealed

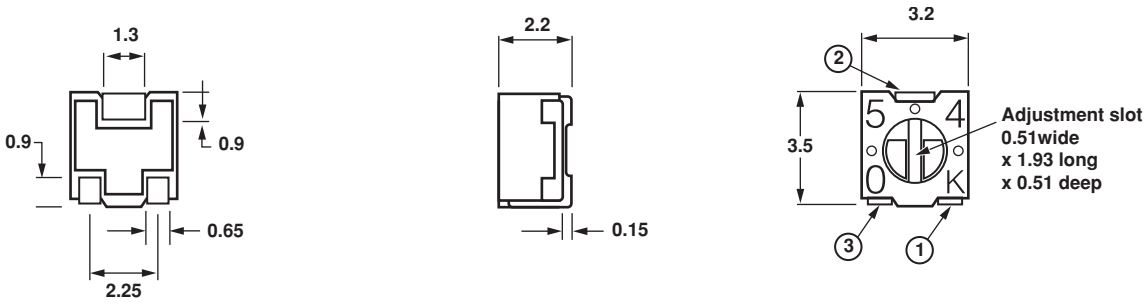


FEATURES

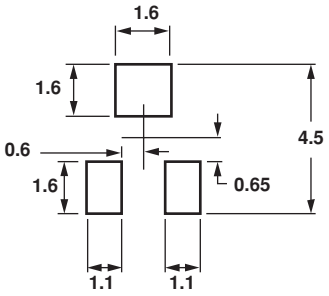
- 0.125 Watt at 70°C
- Excellent Stability
- Small Size for Optimum Packing Density
- Suitable for both Manual and Automatic Operation

DIMENSIONS in millimeters

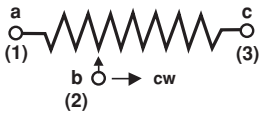
TS3 YJ



RECOMMENDED SOLDERING AREAS



CIRCUIT DIAGRAM



SOLDERING RECOMMENDATIONS

Vapor phase: 215°C/20 to 40 seconds.
Reflow: 230°C/20 seconds.

Do not exceed peak 260°C or with an IRON 40W: 3 seconds at 350°C.

Soldering is possible by wave, reflow, and vapour phase.

ELECTRICAL SPECIFICATIONS	
Resistive Element	Cermet
Electrical Travel	220°
Resistance Range	10Ω to 2MΩ
Stocked Range	1KΩ to 100KΩ
Standard Series	1 - 2 - 5
Tolerance Standard	± 20%
Power Rating	0.125W at 70°C
Temp. Coefficient (Max.)	± 150ppm/°C
Limiting Element Voltage (Max.)	200V
Contact Resistance Variation	3% or 3Ω
End Resistance	1% or 3Ω
Dielectric Strength (Rms)	500V
Insulation Resistance	100MΩ

MECHANICAL SPECIFICATIONS

Mechanical Travel	250°
Operating Torque (max. Ncm)	0.5
End Stop Torque (min. Ncm)	2
Unit Weight (max. g)	0.1
Mechanical Life (Cycles)	50

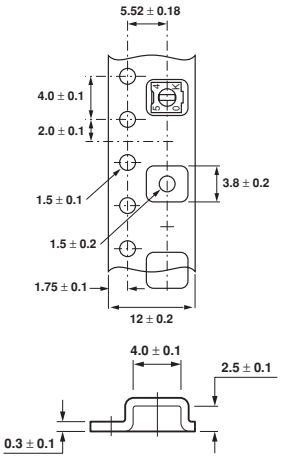
ENVIRONMENTAL SPECIFICATIONS

Temperature Range	– 55°C + 125°C
Sealing	sealed container IP 67

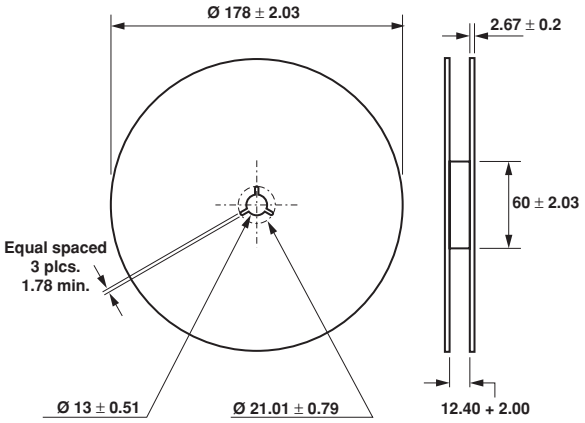
STANDARD RESISTANCE TABLE

RESISTANCE	PART MARKING CODE	RESISTANCE CODE
10	A1	100
20	21	200
50	51	500
100	A2	101
200	22	201
500	52	501
1.000	A3	102
2.000	23	202
5.000	53	502
10.000	A4	103
20.000	24	203
50.000	54	503
100.000	A5	104
200.000	25	204
500.000	55	504
1.000.000	A6	105
2.000.000	26	205

PACKAGING SPECIFICATIONS



Reel of 1000 pieces.



ORDERING INFORMATION

TS3	YJ	500kΩ	± 20%	TR1000
SERIES	STYLE	OHMIC VALUE	TOLERANCE	PACKAGING

TR1000 = tape and reel 1000 pcs.

SAP PART NUMBERING GUIDELINES

T	S	3	Y	J	5	0	4	M	R	1	5			
MODEL			STYLE		OHMIC VALUE			TOL	PACKAGING CODE			SPECIAL (IF APPLICABLE)		

See the end of this data book for conversion tables