



BOURNS®

Electrical Characteristics

Standard Resistance Range10 to 2 megohms
(see standard resistance table)
Resistance Tolerance±20% std.
End Resistance.....1% or 2 ohms max.
(whichever is greater)
Contact Resistance Variation
.....3% or 3 ohms max.
(whichever is greater)
Resolution.....Infinite
Adjustment Angle240° nom.
Maximum Voltage200V

Environmental Characteristics

Power Rating
70°C.....0.25 watt
125°C.....0 watt
Operating Temperature Range
.....-55°C to +125°C
Temperature Coefficient
<500K ohms.....±100ppm/°C
≥500K ohms.....±150ppm/°C
Seal5 turns min.
HumidityMIL-STD 202 Method 103
Vibration20G; TRS ±1%, VRS ±1%
Shock100G; TRS ±1%, VRS ±1%
Load Life (@70°C Rated Power,
1000 hours)TRS ±3%
Rotational Life100 cycles; TRS ±3%
Thermal Shock5 cycles
TRR ±2%, VRS ±1%

Physical Characteristics

Torque.....18 - 180gm/cm
Mechanical AngleContinuous
MarkingManufacturer's trademark
and part marking code
WiperPositioned at 50% nominal
Standard Packaging750 pcs./7" reel
Adjustment ToolH-90

How To Order

3374 X - 1 - 502 E

Model _____
Style _____
Orientation of Parts in Tape:
Style W - Terminals Toward
Sprocket Holes
Standard or Modified
Product Indicator _____
-1 = Standard Product
Resistance Code _____
Embossed Tape _____
750 pcs./7" reel (standard)

Consult factory for other available options.

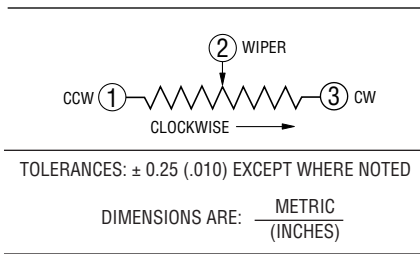
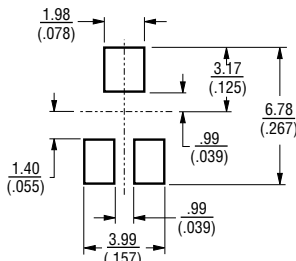
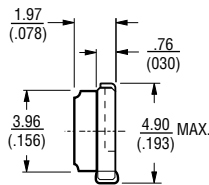
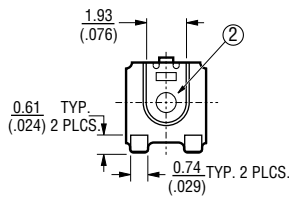
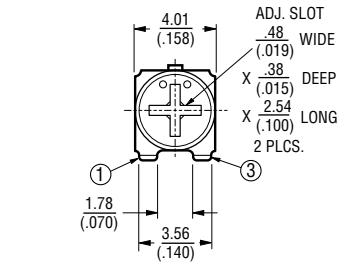
Features

- Surface Mount / Single-Turn Cermet / Process Sealed
- Elastomer seal allows multiple adjustments (5 rotations)
- Compatible with all surface mount manufacturing processes
- Recommended for reflow processing only

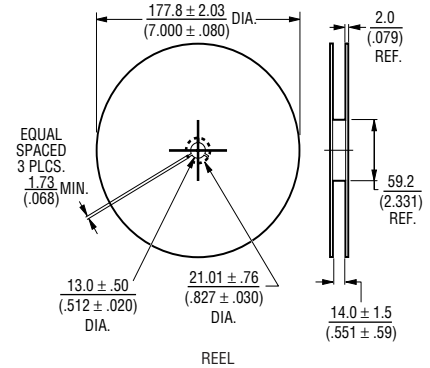
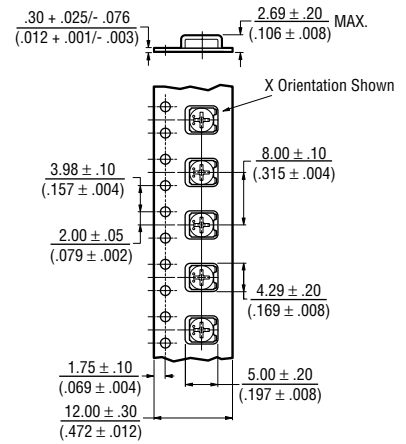
- Cross-slot rotor design suitable for automatic adjustment equipment
- Supplied in 12mm embossed tape, compatible with automatic pick-and-place assembly equipment
- Patent #5,095,298
- Plastic rotor minimizes RF & ESD concerns

3374 - 4mm Square Trimming Potentiometer

3374X/W



Packaging Specifications



Meets EIA 481

Standard Resistance Table

Resistance (Ohms)	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

Popular values listed in boldface. Special resistances available.

SHADED AREAS TYPICALLY NOT STOCKED BY DISTRIBUTORS AND NOT RECOMMENDED FOR NEW DESIGNS.

Specifications are subject to change without notice.