



SURFACE MOUNT 4MM SQUARE / SINGLE-TURN CERMET / PROCESS SEALED

- Elastomer seal allows multiple adjustments (5 rotations)
- 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

Model 3374

B® Trimming Potentiometer

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°C0.25 watt
125°C0 watt
Operating Temperature Range
.....-55°C to +125°C
Temperature Coefficient
<500K ohms±100ppm/°C
≥500K ohms±150ppm/°C
Seal.....5 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 Shock.....5 cycles
TRS ±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

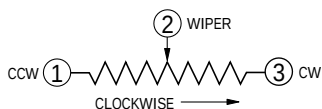
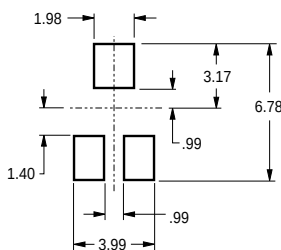
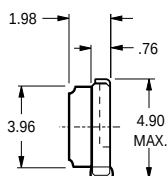
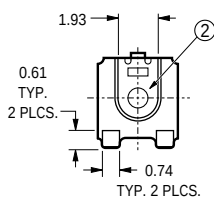
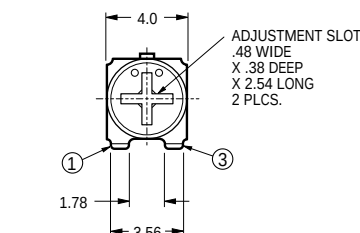
STANDARD RESISTANCE TABLE

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.

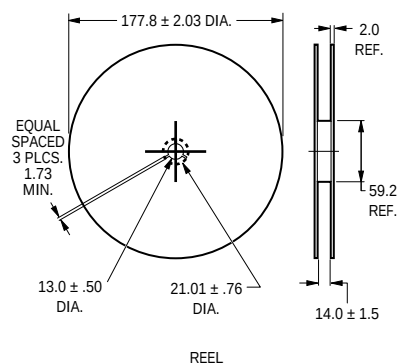
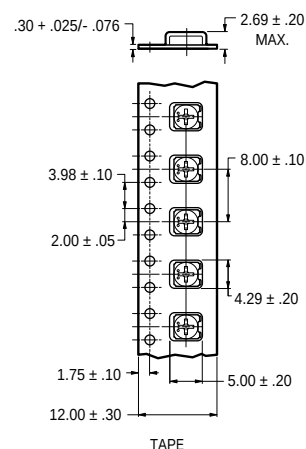
Specifications are subject to change without notice.

3374X/W



TOLERANCES: ± 0.30 EXCEPT WHERE NOTED
DIMENSIONS: MM

PACKAGING SPECIFICATIONS



Meets EIA 481

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.