

BOURNS®

Features

- Single-Turn Cermet / Open Frame
- Recommended for reflow processing
- Rotor design compatible with automatic adjustment equipment
- Supplied in 8 mm embossed tape, compatible with automatic assembly equipment

- 2 mm size meets EIA/EIAJ standard trimmer footprint

3302 - 2 mm SMD Trimming Potentiometer

Electrical Characteristics

Standard Resistance Range200 to 1 megohm
(see standard resistance table)
Resistance Tolerance±25 % std.
Absolute Minimum Resistance
≤1K20 ohms max.
>1K5 % max.
Contact Resistance Variation
.....5 % max.
ResolutionInfinite
Adjustment Angle260 ° ±20 °

Environmental Characteristics

Power Rating (50 VDC max.)
70 °C0.15 watt
Temperature Range
.....-40 °C to +85 °C
Temperature Coefficient
.....±250 ppm/°C
Humidity95 %RH
500 hours
TRS max.±5 %
Load Life
.....@ 70 °C rated power 500 hours
TRS ±5 %
Rotational Cycling10 turns
TRS ±15 %

Physical Characteristics

Torque10-150 g-cm max.
Mechanical AngleContinuous
MarkingPart marking code
Standard Packaging
.....2000 pcs./7 " reel
Adjustment ToolH-91

*"FLUORINERT" IS A REGISTERED TRADEMARK OF 3M CO.

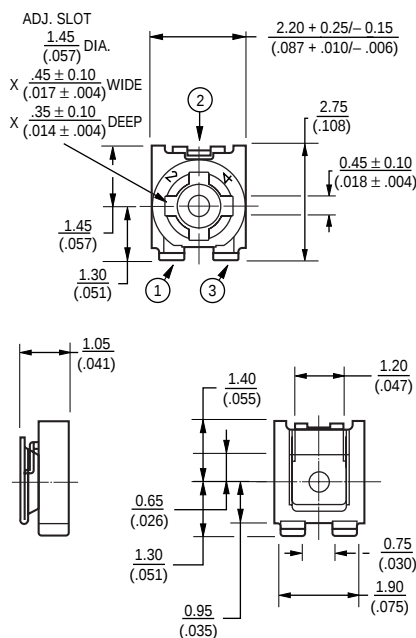
How To Order

3302 X - 3 - 103 E

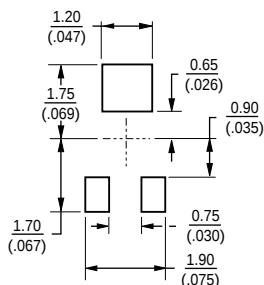
Model _____
Style _____
Orientation of Parts
In Tape:
Style W: Terminals Toward
Sprocket Holes
Standard or Modified
Product Indicator _____
-3 = Cross Slot Rotor (Low Profile)
Resistance Code _____
Embossed Tape Designator _____
Consult factory for other available options.

3302W, X-3

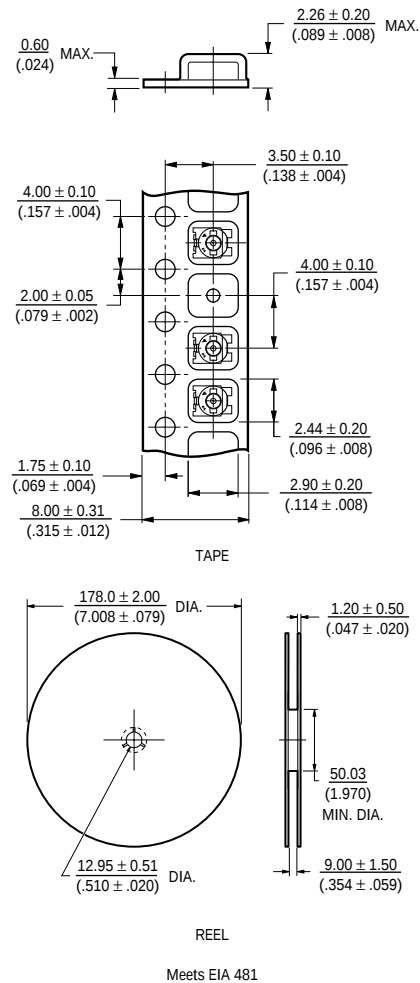
3 Terminals for Automatic Trimming Adjustment Low Profile



SUGGESTED PWB LAYOUT



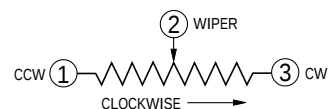
Packaging Specifications



Standard Resistance Table

Resistance (Ohms)	Part Marking Code	Resistance Code
200	22	201
500	52	501
1,000	13	102
2,000	23	202
5,000	53	502
10,000	14	103
20,000	24	203
50,000	54	503
100,000	15	104
200,000	25	204
500,000	55	504
1,000,000	16	105

Popular distribution resistance values listed in boldface. Special resistances available.



TOLERANCES: ± 0.25 (.010) EXCEPT WHERE NOTED

DIMENSIONS ARE: $\frac{\text{MM}}{(\text{INCHES})}$