

SURFACE MOUNT 4MM SQUARE / SINGLE-TURN CERMET / INDUSTRIAL / OPEN FRAME

- Two cross-slot rotor designs suitable for automatic adjustment equipment
- Supplied in 12mm embossed tape, compatible with automatic assembly equipment
- Choice of two packaging orientations
- Recommended for reflow solder processing only

Model 3304

B[®] Trimming Potentiometer

FOR ADDITIONAL STYLES, SEE FOLLOWING PAGE.

Electrical Characteristics

Standard Resistance Range100 to 2 megohms
 (see standard resistance table)
 Resistance Tolerance±25% std.
 End Resistance.....5% max.
 Contact Resistance Variation
 (Voltage Divider)
 Styles A,B,W & X.....5% max.
 Resolution.....Infinite
 Adjustment Angle.....230° nominal

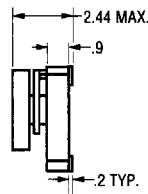
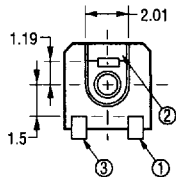
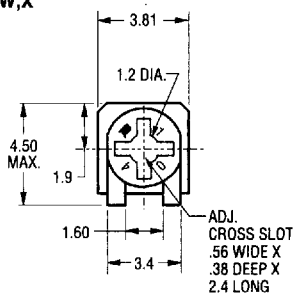
Environmental Characteristics

Power Rating (50 volts max.)
 70°C0.2 watt
 Temperature Range
-55°C to +125°C
 Temperature Coefficient
 10 Ohms to 200 Ohms±250ppm/°C
 500 Ohms and above±200ppm/°C
 Humidity.....MIL-STD-202 Method 103
 500 hours
 (5% ΔTR) Styles A,B,W & X
 SRS ±5% Styles C & D
 Vibration.....30G (2% ΔTR; 2% ΔVR)
 Styles A,B,W & X
 SRS ±5% Styles C & D
 Shock.....100G (2% ΔTR; 2% ΔVR)
 Styles A,B,W & X
 SRS ±5% Styles C & D
 Load Life
1,000 hours 0.2 watt @ 70°C
 (5% (ΔTR) Styles A,B,W & X
 SRS ±5% Styles C & D
 Rotational Life.....20 cycles
 (15% ΔTR)

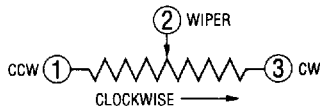
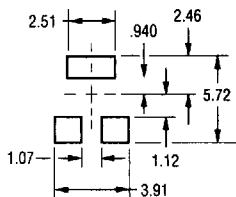
Physical Characteristics

Torque (Operating).....3.0 oz-in. max.
 Mechanical AngleContinuous
 Marking.....Manufacturer's trademark,
 resistance code, manufacturer's
 full part number and date code
 on packaging
 Terminals.....Solder coated
 WiperPositioned at 50% nominal
 Standard Packaging
750 pcs./7" reel
 Reflow solder processing
 recommended

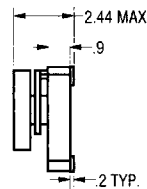
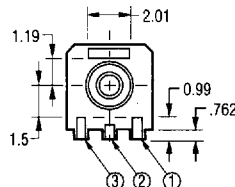
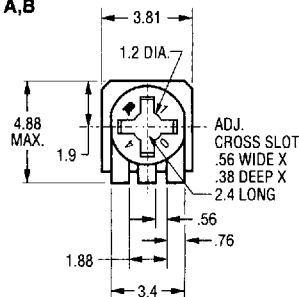
3304 Voltage Divider
 3-Terminal
 3-Pad
 Styles W,X



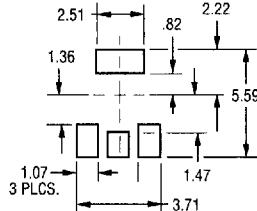
SUGGESTED PWB LAYOUT



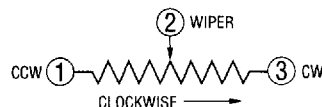
3304 Voltage Divider
 3-Terminal
 4-Pad
 Styles A,B



SUGGESTED PWB LAYOUT



TOLERANCES: ± 0.30 EXCEPT WHERE NOTED
 DIMENSIONS: MM

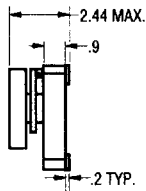
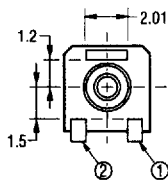
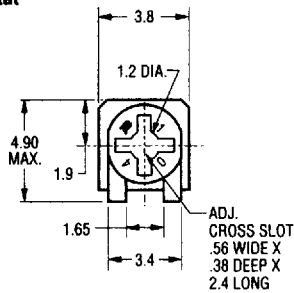


Model 3304

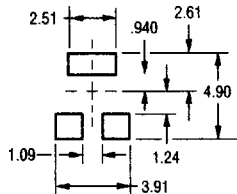
B Trimming Potentiometer

FOR PRODUCT SPECIFICATIONS, SEE PREVIOUS PAGE.

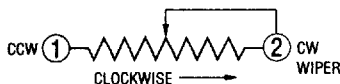
3304C-1, 3304D-1
2-Terminal
3-Pad
Rheostat



SUGGESTED PWB LAYOUT

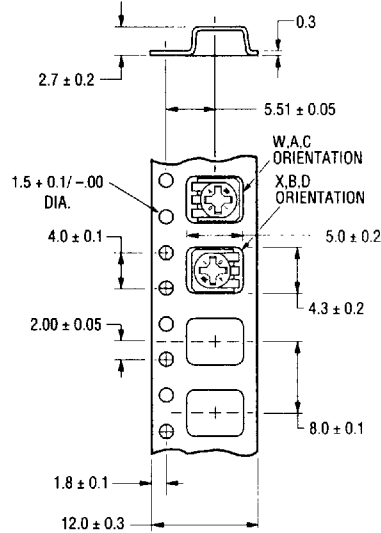


TOLERANCES: ± 0.30 EXCEPT WHERE NOTED
 DIMENSIONS: MM

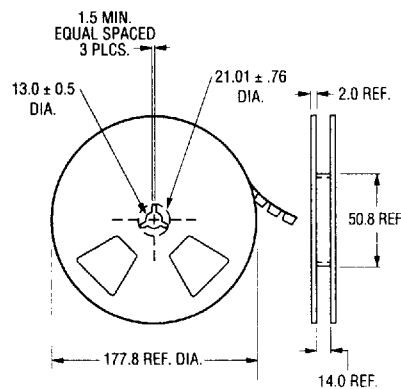


PACKAGING SPECIFICATIONS

TAPE



REEL



750 pieces per reel.
 Meets EIA specification RS-481.

STANDARD RESISTANCE TABLE

Resistance (Ohms)	-1 Resistance Code	-2 Resistance Code
10	100	A1
20	200	21
50	500	51
100	101	A2
200	201	22
500	501	52
1,000	102	A3
2,000	202	23
5,000	502	53
10,000	103	A4
20,000	203	24
50,000	503	54
100,000	104	A5
200,000	204	25
500,000	504	55
1,000,000	105	A6
2,000,000	205	26

HOW TO ORDER

3304 X - 1 - 103 E

Model _____
 Style _____
 Orientation of Parts In Tape:
 Styles W,A,C - Terminals Toward Sprocket Holes
 Styles X,B,D - Terminals Away From Sprocket Holes
 Product Indicator _____
 -1 = Standard Product
 Resistance Code _____
 Embossed Tape Designator _____
 E = 750 pcs./7" reel (-1 standard)
 500 pcs./7" reel (-2 standard)
 G = 3000 pcs./13" reel (-1 optional)
 Consult factory for other available options.