



MODEL 3325

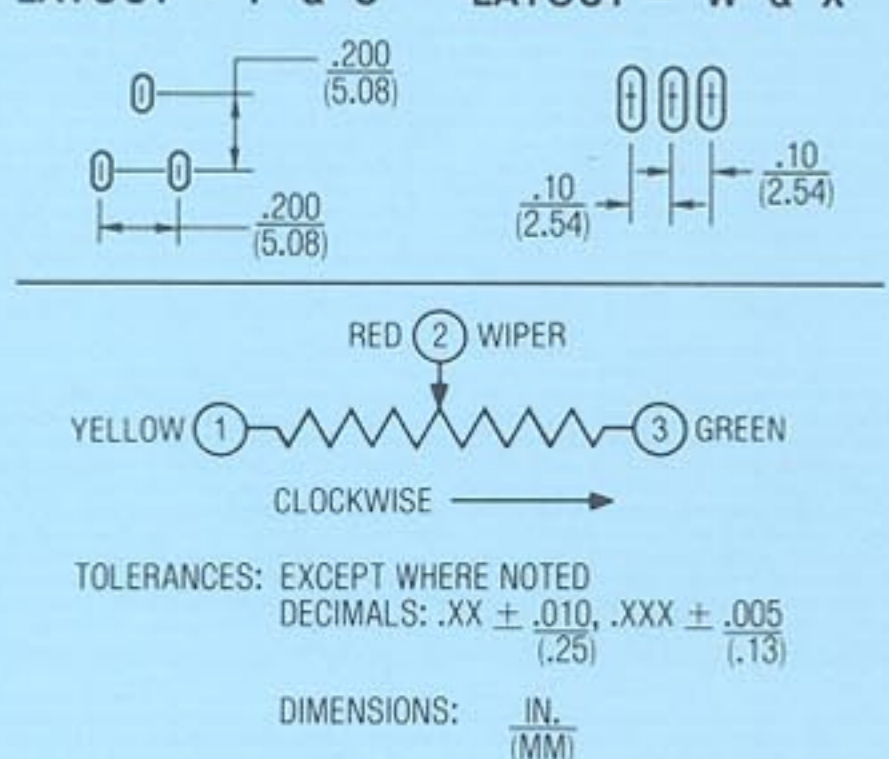
Surface Mounted Sealed $\frac{1}{4}$ " Diameter Single-turn, Cermet Trimming Potentiometer



FEATURES

- First surface mounted sealed trimmer.
- High temperature construction suitable for reflowed solder application.
- Sealed to withstand harsh environment and immersion cleaning processes.
- PC Board Saving Size: 0.25 dia. x 0.22" high.
- Vertical and horizontal adjust types available.

RECOMMENDED PCB LAYOUT — "P" & "S"



*Specifications subject to change without notice

***"Fluorinert" is a registered trademark of 3M Co.

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call (714) 781-5050

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SPECIFICATIONS*

Electrical Characteristics

Standard Resistance Range	10 ohms to 1 megohm (see standard part number table)
Resistance Tolerance	10% standard (closer tolerance available)
Absolute Minimum Resistance	2 ohms maximum
Contact Resistance Variation	3.0% or 3 ohms (whichever is greater)
Adjustability	
Voltage	$\pm 0.05\%$
Resistance	$\pm 0.15\%$
Resolution	Infinite
Insulation Resistance	500 vdc, 1000 megohms minimum
Dielectric Strength	
Sea Level	600 vac
80,000 feet	250 vac
Adjustment Angle	240° nominal

Environmental Characteristics

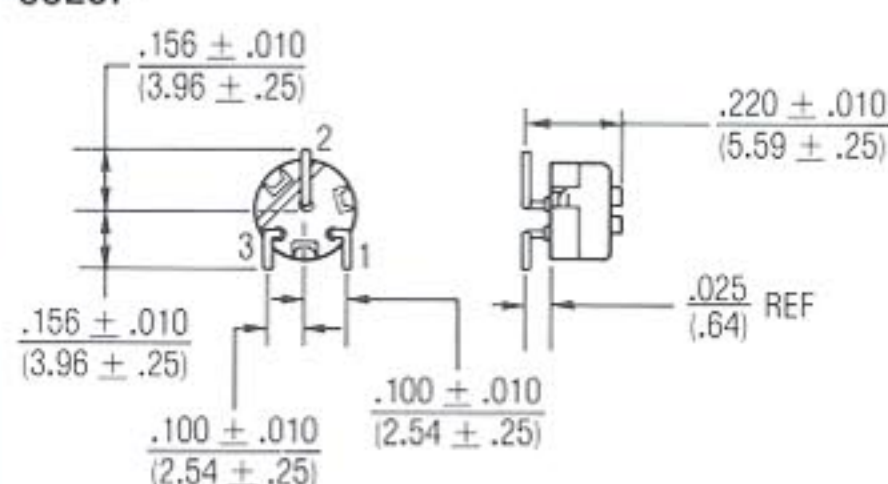
Maximum Exposure (Temp./Time)	+215°C/3 minutes
Power Rating (300 volts maximum)	
85°C	0.5 watt

150°C	0 watt
Temperature Range	-55°C to +150°C
Temperature Coefficient	± 100 ppm/°C maximum
Humidity	MIL-STD-202 Method 103 (96 hours) IR 10 megohms minimum
Seal Test	85°C Fluorinert**
Vibration	30G
Shock	100G
Load Life	1000 hours 0.5 watt @ 85°C
Mechanical Life	200 cycles

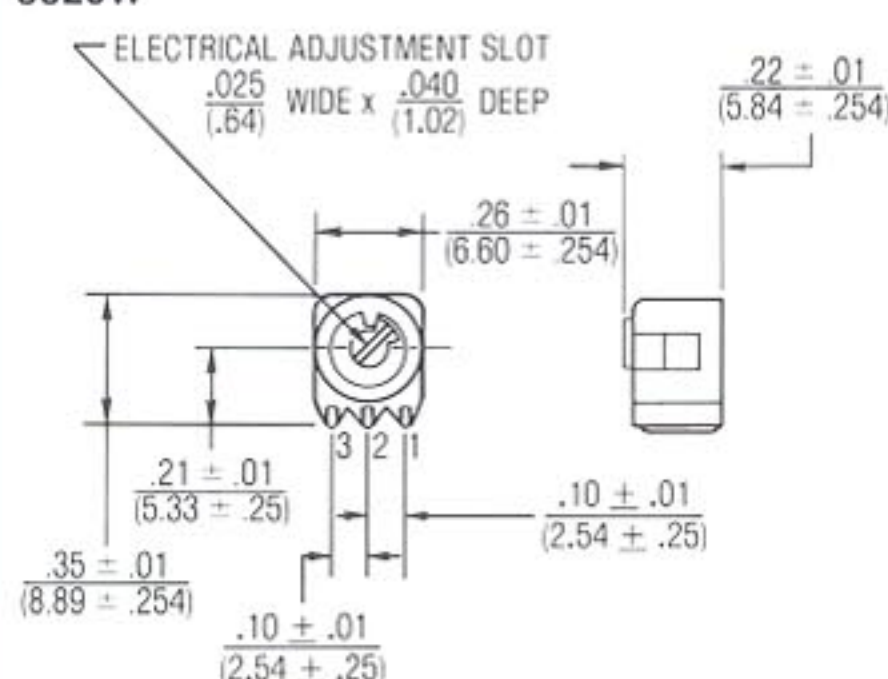
Physical Characteristics

Mechanical Angle	260° nominal
Torque	3.0 oz-in. maximum
Stop Strength	5.0 oz-in. minimum
Terminals	Tinned pins
Weight	0.02 oz
Marking	
Manufacturer's Trademark	
Resistance value or code	
Date code	
Manufacturer's model number and style	

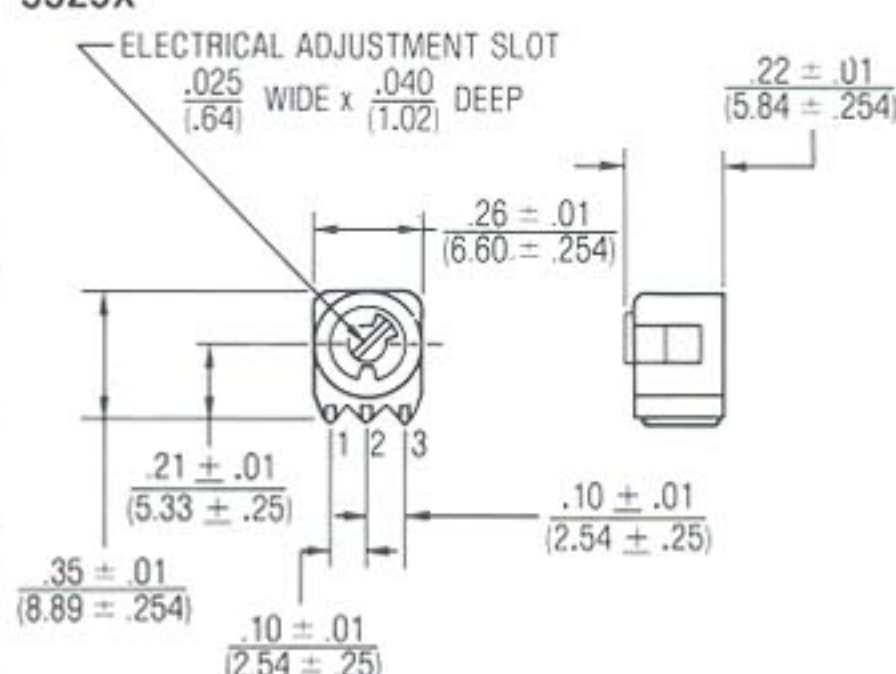
3325P



3325W



3325X



OBSOLETE

STANDARD PART NUMBER TABLE

Resistance (Ohms)	3325P	3325W	3325X
10	3325P-1-100	3325W-1-100	3325X-1-100
20	3325P-1-200	3325W-1-200	3325X-1-200
50	3325P-1-500	3325W-1-500	3325X-1-500
100	3325P-1-101	3325W-1-101	3325X-1-101
200	3325P-1-201	3325W-1-201	3325X-1-201
500	3325P-1-501	3325W-1-501	3325X-1-501
1,000	3325P-1-102	3325W-1-102	3325X-1-102
2,000	3325P-1-202	3325W-1-202	3325X-1-202
5,000	3325P-1-502	3325W-1-502	3325X-1-502
10,000	3325P-1-103	3325W-1-103	3325X-1-103
20,000	3325P-1-203	3325W-1-203	3325X-1-203
25,000	3325P-1-253	3325W-1-253	3325X-1-253
50,000	3325P-1-503	3325W-1-503	3325X-1-503
100,000	3325P-1-104	3325W-1-104	3325X-1-104
200,000	3325P-1-204	3325W-1-204	3325X-1-204
250,000	3325P-1-254	3325W-1-254	3325X-1-254
500,000	3325P-1-504	3325W-1-504	3325X-1-504
1,000,000	3325P-1-105	3325W-1-105	3325X-1-105

Special resistances available from 10 ohms to 1 megohms.