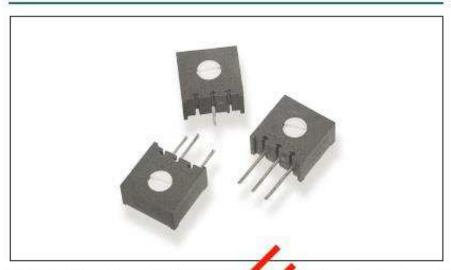


## Type 4295 Series

## **Key Features**

- High Resolution Cermet
   Bement For Stability
- Enclosure Sealed
- 0.5 Watt Rating at 85°C
- Flame Retardant
- P.C.B. Standoffs
- Robust Construction
- Vertical or Horizontal Adjustments Available
- Finger Adjustment Available



These long established 10mm square, single turn by tentermeters will meet a wide range of industrial and professional applications. Cerm it element technology ensures stability and reliability. This P.C.B. mounted package have any top of the adjustment, or finger adjust styles. All components are sealed to with stand private circuit board washing solvents.

#### Characteristics - Electrical

Resistance Range:	100R to 2	
STD Resistance Values:	2 and 5 in each decade	
STD Resistance Tolera	± %	
End Resistance:	Ohms or 1% whichever is greater	
Slider Current:	00 mA or within power rating, Max.	
Power Ratings:	.5 at 85°C derating to zero at 125°C	
Isolation Vo age:	300 V dc or ac peak	
Limiting Element Voltage:	220 V dc or ac RMS, Max.	
Breakson Voltage (So Leve	900 V ac for one minute	
Insu tim Res tance:	1000 M Ohms at 500 V dc, Min.	
colu en:	Essentially Infinite	
Rota ona voise (CRV):	3 Ohms or 2 % min.	
Temperature Coefficient:	± 250 ppm/°C, Max.	
Elegical Adjustment:	280° Nominal	

#### Characteristics - Mechanical

End Stop:	40 mNm Min.	
Starting Torque:	35 mNm Max.	
Mechanical Adjustment:	300° Nominal	
Weight:	0.85 gm Nominal	
Solderability:	MIL Std 202 Method 208A	

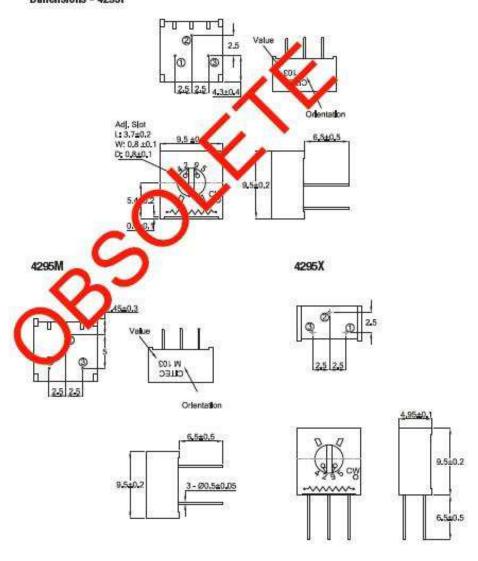


# Type 4295 Series

## Characteristics - Environmental

- TU-CON-UNIVERSAL DESCRIPTION OF THE PROPERTY	
-55°C to +125°C	
250 Hrs at 125°C	
5 Oydes -55°C to +125°C	
4000 Bumps; 40G	
10 - 500Hz; 30 G	
200 Cycles, Min.	
ΔR < 3% after 1000 Hrs. at 0.5 watts	
Sealed for board washing (85°C Florinert)	
55/125/56	
MIL - Std - 202G Method 103 (96hrs)	
	250 Hrs at 125°C 5 Cycles -55°C to +125°C 4000 Bumps; 40G 10 - 500Hz; 30 G 200 Cycles, Min. ΔR < 3% after 1000 Hrs. at 0.5 waits Sealed for board washing (85°C Florinert) 55/125/56

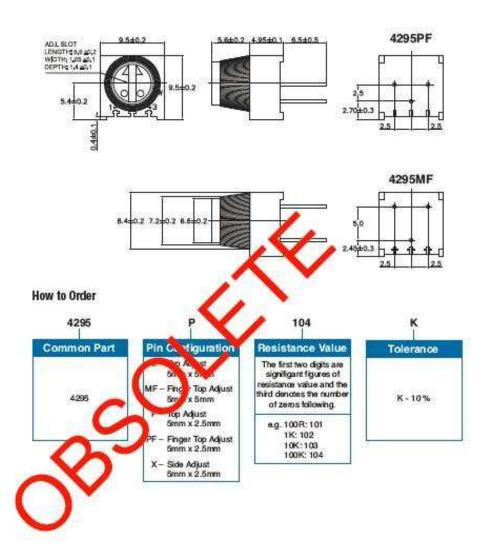
## Dimensions - 4295P





# Type 4295 Series

#### Dimensions - 4295MF/PF



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