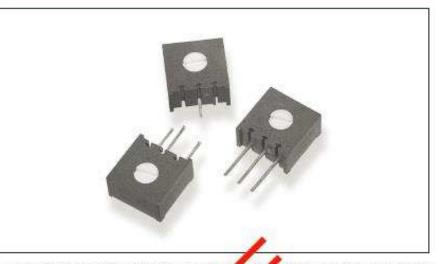


## Type 4295 Series

## **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 patent meters will meet a wide range of industrial and professional applications. Cerry a element technology ensures stability and reliability. This P.C.B. mounted package has eavy top on the adjustment, or finger adjust styles. All components are sealed to with stand privad circuit board washing solvents.

#### **Characteristics - Electrical**

Resistance Range:	100R to 2	
STD Resistance Values:	2 and 5 in each decade	
STD Resistance Tolers	± %	
End Resistance:	Ohms or 1% whichever is greater	
Slider Current:	00 mA or within power rating, Max.	
Power Rating	0.5 at 85°C derating to zero at 125°C	
Isolation Vorage:	300 V dc or ac peak	
Limiting Elen Volta:	220 V dc or ac RMS, Max.	
Break son. Voltage	900 V ac for one minute	
Insu 12 Res tance:	1000 M Ohms at 500 V dc, Min.	
eolu an:	Essentially Infinite	
Rota ona voise (CRV):	3 Ohms or 2 % min.	
Temperature Coefficient:	± 250 ppm/°C, Max.	
Electrical Adjustment:	280° Nominal	

## **Characteristics - Mechanical**

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

Dimensions in millimetres unless otherwise specified Dimensions Shown for reference purposes only. Specifications subject to change

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# Type 4295 Series

## **Characteristics - Environmental**

Humidity:	MIL - Std - 202G Method 103 (96hrs)	
Climatic Category:	55/125/56	
Sealing:	Sealed for board washing (85°C Florinert)	
Load Life at 70°C:	ΔR < 3% after 1000 Hrs. at 0.5 watts	
Rotational Life:	200 Cycles, Min.	
Vibration Severity:	10 - 500Hz; 30 G	
Bump Severity:	4000 Bumps; 40G	
Thermal Shock:	5 Cydes -55°C to +125°C	
Temperature Storage:	250 Hrs at 125°C	
Temperature Range:	-55°C 10 +125°C	

## Dimensions - 4295P

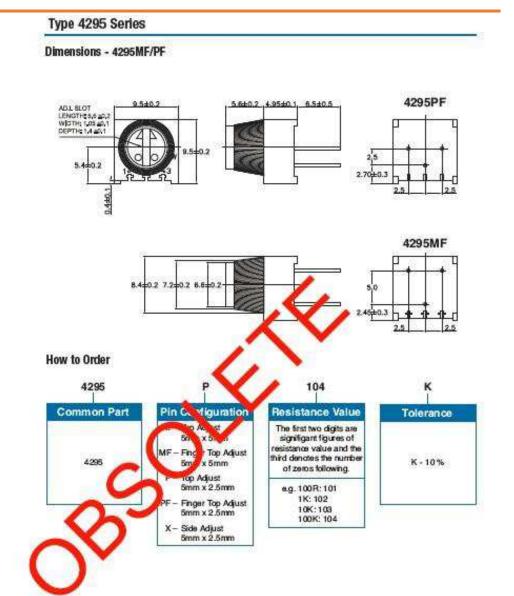


## 1773170 Rev. D 06/2018

Dimensions in millimetres unless otherwise specified Dimensions Shown for reference purposes only. Specifications subject to change

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