


Features

- Simple installation
- Enables board mounted, replaceable 5-pin protection
- Industry standard footprint
- Gold plated contact points
- RoHS compliant*
-  Recognized per UL 497 (File: E53117)



This series is currently available but not recommended for new designs.

85028 Receptacle for 5-Pin Surge Protectors

Bourns® 85028 receptacles are a convenient way to add primary surge protectors to printed circuit boards. They accept Bourns® 24xx Series 5-Pin Surge Protectors and other manufacturers' 5-pin protectors. These adapters are equipped with gold-plated contacts for excellent conductivity and corrosion resistance.

The 85028-2 has short mounting pins for PCB through-hole mounting and the 85028-1 has extended pins for wire-wrap applications. The 85028-3 has four short pins and one long pin for the ground connection. The block is made from telecom-grade, V94-0 UL rated thermoplastic.

Characteristics

Plastic Material	
Main Body.....	High Temperature Thermoplastic, black, UL 94V-0
Metal Parts	
Current-Carrying Components	Copper or copper alloys, selective gold-plated
Insulation Resistance	> 30 megohms @1000 VDC
Module Contact Resistance.....	< 10 milliohms
Wire-wrap Contact Resistance	< 2 milliohms
Dielectric Strength.....	> 1500 VDC and > 1000 VAC @ 50-60 Hz for two minutes

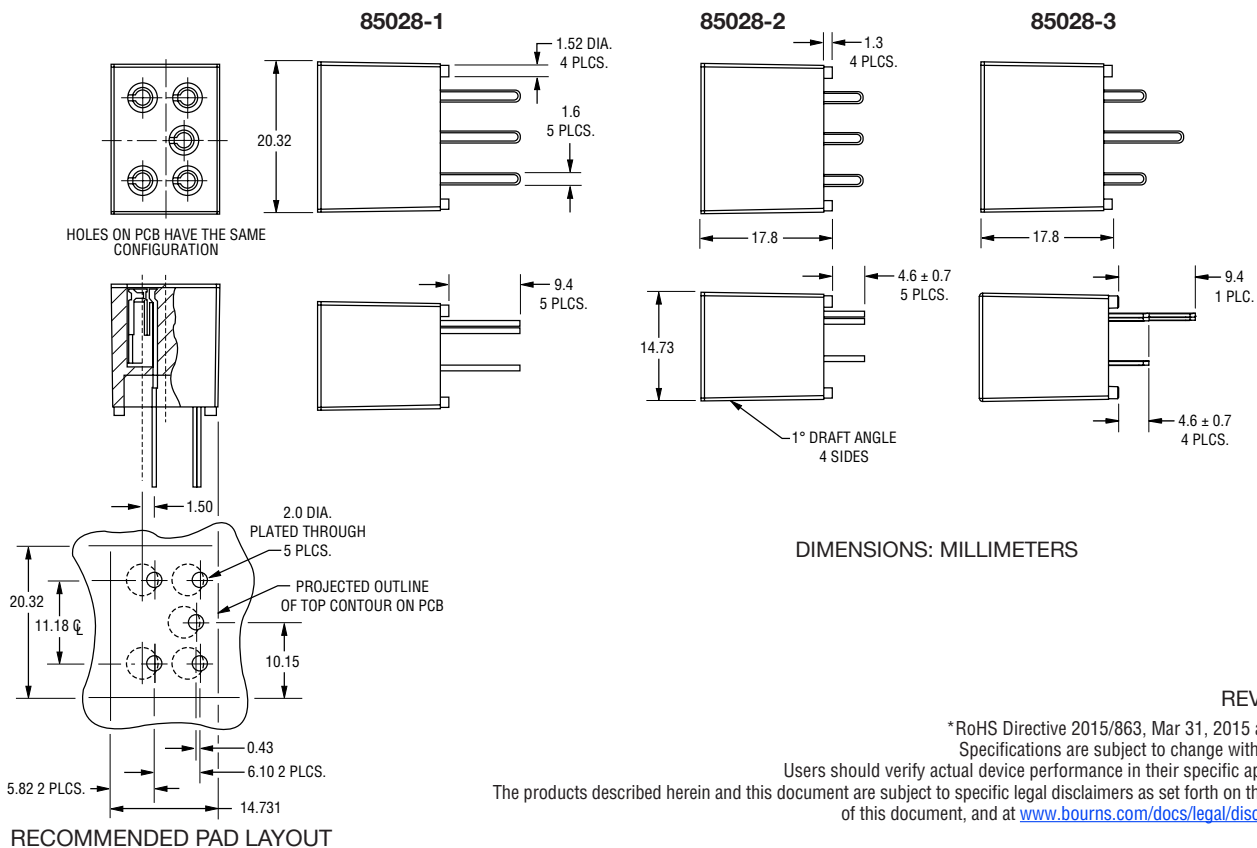
Environmental Characteristics

Operating Temperature.....	-55 °C to +85 °C (-67 °F to +185 °F) up to 95 % non-condensing R.H.
Storage Temperature.....	-55 °C to +85 °C (-67 °F to +185 °F)

Temperature Characteristics

High Temperature	+85 °C (+185 °F) without deformation
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Product Dimensions



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*RoHS Directive 2015/863, Mar 31, 2015 and Annex. Specifications are subject to change without notice.

Users should verify actual device performance in their specific applications.

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