

## Parker Chomerics CHO-BUTTON® EMI Grounding Contact

Category : Polymer , Thermoset , Silicone

**Material Notes:**

Description: CHO-BUTTON® grounding contacts provide a reliable RF bond between metallic parts of an enclosure (side panels-to-frame, door-to-frame, etc). When spaced at 4 to 8 inch intervals, the shielding effectiveness obtained is greater than 40 dB for emissions below 200 MHz. This level of shielding is normally adequate to meet commercial EMI specifications for digital devices operating below 50 MHz. They are molded from Chomerics' highly conductive CHO-SEAL® silicone elastomers, and provide an alternative to continuous conductive gasketing in flange joints. CHO-BUTTON® contact will deflect 30% (0.094 inch or 2.38 mm) under approximately 3 pounds (1.4 kg) of closure force. Product Features: Easily installed with integral thread-cutting screw, Design of button cross section and excellent resilience/flexibility of CHO-SEAL® elastomer allow conformability to wide joint gap tolerances, Highly conductive CHO-SEAL® material (5 x 10<sup>-3</sup> ohm-cm) results in low contact resistance even under low closure pressure, Provides more than 40 dB shielding effectiveness between 20 MHz and 200 MHz when spaced 8 inches (20.3 cm) apart (and even better shielding at closer spacing), Will not oxidize or increase significantly in resistance over time, and Cannot be over-torqued (positive stop) Information provided by Chomerics

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Parker-Chomerics-CHO-BUTTON-EMI-Grounding-Contact.php](http://www.lookpolymers.com/polymer_Parker-Chomerics-CHO-BUTTON-EMI-Grounding-Contact.php)

Electrical Properties	Metric	English	Comments
Shielding Effectiveness	>= 40 dB	>= 40 dB	
	@Frequency 2.20e+7 - 3.00e+7 Hz	@Frequency 2.20e+7 - 3.00e+7 Hz	

Descriptive Properties	Value	Comments
Contract Resistance	<10mOhm	@ 10% deflection
	<10mOhm	@ 40% deflection
	<10mOhm	@ 50% deflection
	25 mOhm	@ 5% deflection
Current Capacity	5 minute test	
Filler	Ag	

## Contact Songhan Plastic Technology Co.,Ltd.

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