

Parker Chomerics SPRING-LINE® Beryllium-Copper Gasket

Category : Metal , Nonferrous Metal , Copper Alloy

Material Notes:

Description: SPRING-LINE beryllium-copper gaskets combine high levels of EMI shielding effectiveness with spring-finger wiping and low closure force properties. The high performance qualities of beryllium-copper – high tensile strength, excellent anti-corrosion properties, and good electrical conductivity – make it an ideal material for MEI shielding over a broad frequency range. SPRING-LINE shielding gaskets are available in bright tin, bright copper, and bright copper, and bright nickel finishes, and others upon request. Strips can be soft soldered or resistance welded without damage to their working surface. SPRING-LINE gaskets can be applied by edge mounting using integral clips, or by high tack, pressure-sensitive adhesive. Information provided by Chomerics

Order this product through the following link:

http://www.lookpolymers.com/polymer_Parker-Chomerics-SPRING-LINE-Beryllium-Copper-Gasket.php

Physical Properties	Metric	English	Comments
Thickness	2.00 - 6.00 microns	0.0787 - 0.236 mil	General plating (excluding exotic metals)

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell C	38 - 44	38 - 44	
Tensile Strength	>= 1210 MPa	>= 175000 psi	ASTM D412
Tensile Strength, Yield	>= 1030 MPa	>= 150000 psi	

Component Elements Properties	Metric	English	Comments
Beryllium, Be	1.8 - 2.0 %	1.8 - 2.0 %	
Cobalt, Co	>= 0.20 %	>= 0.20 %	plus Nickel
	<= 0.60 %	<= 0.60 %	plus Nickel plus Iron
Copper, Cu	97.4 - 98 %	97.4 - 98 %	

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