

PEO-1.3X2.2 (PEECE93-O1.3X2.2)

ElectroSeal EcE is a Nickel/ C filled silicone elastomer. EcE has excellent shielding properties and conductivity This material has excellent sealing at temperature extremes, is ozone resistant and has a long shelf life. It is recommended for applications where there are high shielding requirements, including electromagnetic pulses.

Elastomer:	Silicone		
Filler Material:	Nickel C		
Color:	Black		
Electrical Properties:			Test Method :
Volume Resistivity: (ohm-cm)	Max.	0.08	MIL-G-83528 (Para 4.6.11)
Shielding Effectiveness: (dB)			
200 KHz	Min.	40	MIL G 83528 MIL STD 285 (Para 4.6.12)
100 MHz		100	
500 MHz		100	
2 GHz		100	
10 GHz		90	
Electrical Stability:			
After Heat Aging: (ohm-cm)	Max.	0.18	MIL-G-83528 (Para 4.6.15)
After Break: (ohm-cm)	Max.	0.10	MIL-G-83528 (Para 4.6.9)
Physical Properties:			
Specific Gravity: (+/-0.25)g		1.9	ASTM D792
Hardness(Shore A): (+/ -7)		55	ASTM D2240
Tensile Strength: (PSI)		150	ASTM D412

Patron

Passive Elektronik

Elongation: (%)	Min.	100	ASTM D412
	Max.	200	
Tear Strength: (PPI)	Min.	30	ASTM D624 DIE C
Compression: (%)	Max.	20	ASTM D395
Upper Operating Temp. (C)	Max.	160	ASTM D1329
Lower Operating Temp. (C)	Min.	-55	ASTM D1329
Compression/Deflection:		8	ASTM D575
	Min.		
Fluid Immersion(oils)		N/S	MIL-G-83528 (Para 4.6.17)