

MM50XC52 Stand Off Insulator

Manufacturing Process : TRANSFER MOLDING



Proudly made in the
USA



Inserts : Nickel Plated carbon steel or AISI 316 Stainless steel are standard. Other materials on request.

Dimensions	
Height	50 ± 0.25mm
Diameter	52 mm
Distance Across Flats	46 mm
Creepage	100 mm
Mechanical Characteristics	
Tensile Strength	≥ 1900daN
End Flexural Strength	≥ 450 daN
Compressive Strength	≥ 5000daN
Torsion	> 90 N.m
Electrical Characteristics	
Arc Over Voltage in Air	≥ 26 kV
Breakdown Voltage in Air	≥ 30 kV
Insulation Resistance at 1000 V	≥ 200 GΩ
Capacitance	6.1 pF
Test Conditions	
Withstand Voltage	22 kV
Frequency	60 Hz
Duration	1 minute



CRYSTEX COMPOSITES LLC

MYCALEX Insulators

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MM50XC52 Stand Off Insulator

Creepage 100mm

Weight 0.24 Kg

MATERIAL : MYCALEX MM 451 Glass Mica Ceramic

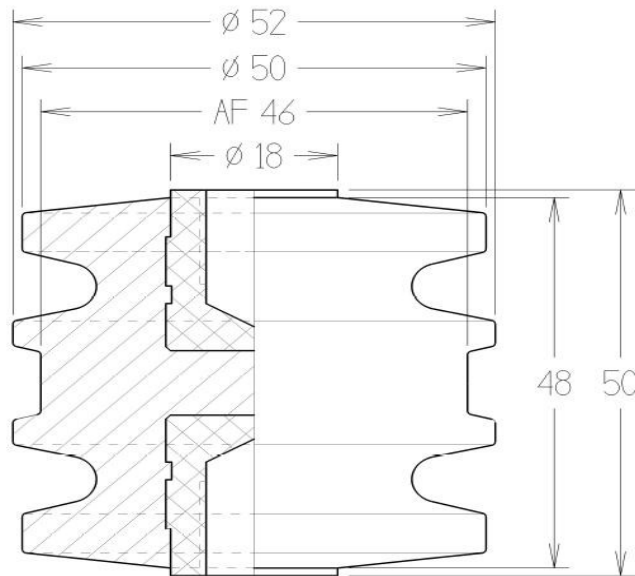
RoHS compliant (Pb Free)

CTI > 600

Mycalex Insulators are made from inorganic materials that do not burn. Compliant to EN 45545-2, NF F16-101 and NF-F-102

Operating Temperature : -50 to 450°C

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Across Flats - 46mm

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Description	Insert Material	THREAD	PITCH mm	CRYSTEX PART
MM50XC52-M10	NPS	M 10	1.50	45-0451-0168
	AISI 316			47-0451-0168-S
MM50XC52-M12	NPS	M 12	1.75	45-0451-0167
	AISI 316			47-0451-0167-S



Rev

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