

Ceramic Stand-Off Insulators for RF-Equipment



FEATURES

- Application in HF equipment
- High flashover voltage
- High compressive load
- Different thread sizes available

MATERIAL

Stand-off insulator elements made from Class 1 ceramic material (C 221-IEC 60672-3), body completely glazed.

Connection terminals: Brass

MARKING

None

OPERATING CONDITIONS

Maximum Operating Temperature: +100 °C

Maximum Compressive Load: 5.0 kN (for 4040/6)
20.0 kN (for 5058/6)

Maximum Reactive Current: 1 A_{RMS} (for 4040/6)
3 A_{RMS} (for 5058/6)

QUICK REFERENCE DATA		
DESCRIPTION	VALUE	
Ceramic Class	1	
Ceramic Dielectric	R7	
Type	Stand-off Insulator 4040/6, 5058/6	
Voltage (V _{RMS})	4000	12 000
Min. Capacitance (pF)	1.6	1.0
Max. Capacitance (pF)	1.6	1.0
Mounting	Screw terminal	

SAP PART NUMBER, ELECTRICAL, AND DIMENSIONAL DATA						
PART NUMBER	CERAMIC	CAPACITANCE VALUES (pF)	FLASHOVER VOLTAGE AT 50 Hz, 60 % REL. AIR HUMIDITY (kV _{RMS})	OPERATING VOLTAGE (kV _{RMS})	DIMENSIONS H mm (INCHES)	DISSIPATION FACTOR
ISOLATOR4040M#1	R7	1.6	24	4.0 max.	40.0 (1.575)	Max. 0.05 % (1 MHz)
ISOLATOR5058M#1		1.0	35	12.0 max.	58.0 (2.283)	

Note

- # indicator of thread size, "6" = M6 (standard), other metric sizes as well as US standard threads are available on request

DIMENSIONS in millimeters (inches)	



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