3540/6, 3550/6, 3558/6, 3560/6, 3570/6, 3580/6, 35100/6, 35125/6



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Vishay Draloric

Ceramic Stand-Off Insulators for RF-Equipment



FEATURES

- Application in HF equipment
- High flashover voltage
- High compressive and tensile 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

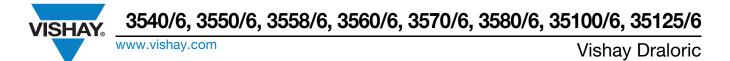
Maximum Operating Temperature:	+ 100 °C
Maximum Compressive Load:	3.0 kN
Maximum Tensile Load:	7.5 kN
Maximum Reactive Current:	3 A _{RMS}

QUICK REFERENCE DATA									
DESCRIPTION	VALUE								
Ceramic Class		1							
Ceramic Dielectric		R7							
Туре	Stand-off Insulator 3540/6, 3550/6, 3558/6, 3560/6, 3570/6, 3580/6, 35100/6, 35125/6								
Voltage (V _{RMS})	10 000	12 000	13 000	15 000	16 000	19 000	22 000		
Min. Capacitance (pF)	2.5	1.9	1.2	0.9	0.7	0.5	0.3		
Max. Capacitance (pF)	2.5	1.9	1.2	0.9	0.7	0.5	0.3		
Mounting	Screw terminal								

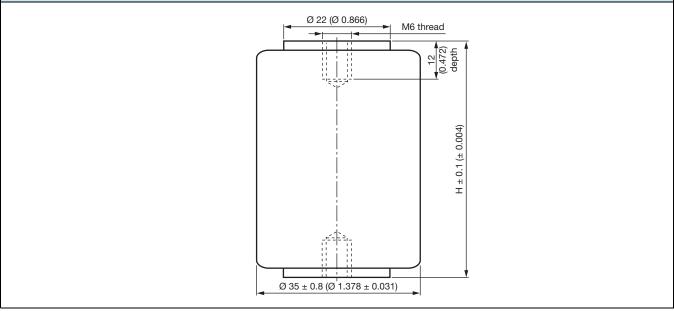
SAP PART NUMBER, ELECTRICAL, AND DIMENSIONAL DATA								
PART NUMBER	CERAMIC	CAPACITANCE VALUES (pF)	FLASHOVER VOLTAGE AT 50 Hz, 60 % REL. AIR HUMIDITY (kV _{RMS})	OPERATING VOLTAGE (kV _{RMS})	DIMENSIONS H mm (INCHES)	DISSIPATION FACTOR		
ISOLATOR3540M#1	R7	2.5	25	10	40 (1.575)			
ISOLATOR3550M#1		1.9	29	12	50 (1.969)			
ISOLATOR3558M#1		1.2	33	13	58 (2.283)			
ISOLATOR3560M#1		1.2	33	13	60 (2.362)	Max. 0.05 %		
ISOLATOR3570M#1		0.9	37	15	70 (2.756)	(1 MHz)		
ISOLATOR3580M#1		0.7	41	16	80 (3.150)			
ISOLATOR35100M#1		0.5	48	19	100 (3.937)			
ISOLATOR35125M#1		0.3	56	22	125 (4.921)			

Note

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









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