
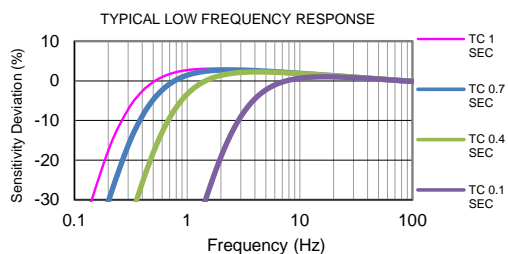
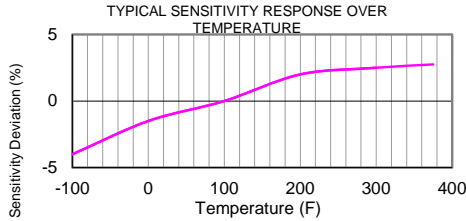
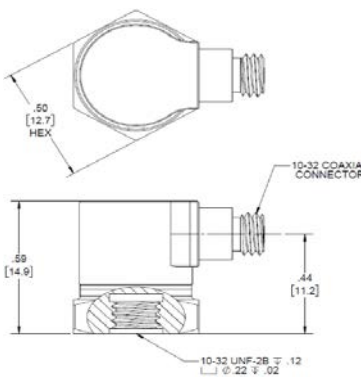



MODEL NUMBER 3255C		PERFORMANCE SPECIFICATION				DOC NO. PS3255C																															
		Accelerometer, Charge Mode				REV E, ECN 16546, 01/24/22																															
		<ul style="list-style-type: none">• HERMETICALLY SEALED• HIGH CHARGE OUTPUT• ROBUST DESIGN																																			
		ENGLISH		SI																																	
PHYSICAL																																					
Weight		0.35	oz	10.0	grams																																
Mounting Internal Thread		10-32 UNF-2B		10-32 UNF-2B																																	
Connector [1]	Type	Coaxial		Coaxial																																	
Housing	Material	Titanium		Titanium																																	
	Material	Titanium		Titanium																																	
Sensing Element	Isolation	Case Grounded		Case Grounded																																	
	Material	Ceramic		Ceramic																																	
	Mode	Shear		Shear																																	
PERFORMANCE																																					
Sensitivity, ± 15% [2]		15	pC/g	1.53	pC/m/s^2																																
Acceleration Range [3]		[3]	Gpeak	[3]	m/s^2 peak																																
Frequency Range, ±5%		[5]-5000	Hz	[5]-5000	Hz																																
Resonance Frequency		32	kHz	32	kHz																																
Linearity [4]		±1	%	±1	%																																
Transverse Sensitivity Max		5	%	5	%																																
ENVIRONMENTAL																																					
Shock Max		5000	g pk	49050	m/s^2																																
Vibration Max		600	g pk	5886	m/s^2																																
Operating Temperature		-60 to +375	°F	-51 to +190	°C																																
Seal		Hermetic		Hermetic																																	
Coefficient of Thermal Sensitivity		0.06	%/°F	0.11	%/°C																																
ELECTRICAL																																					
Capacitance, nom		975	pF	975	pF																																
		<p>This family also includes:</p> <table><tr><th>Model</th><th>Sensitivity (pC/g)</th><th>Range (Gpeak)</th><th>Resolution (Grms)</th><th>Oper. Temp(°F)</th></tr><tr><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td></tr></table> <p>Please, refer to the performance specifications of the products in this family for detailed description</p> <p>Supplied Accessories:</p> <p>1) Model 6200 Mounting Stud</p> <p>2) Accredited Calibration Certificate (ISO 17025)</p> <p>Notes:</p> <p>[1] Mates with Dytran cable Model 6013AXX or 6019AXX(XX= Length in feet).</p> <p>[2] Measured At 100 Hz, 1 Grms per ISA RP 37.2</p> <p>[3] Depends On the Gain Setting Of The Charge Amplifier Used</p> <p>[4] Measured using zero-based best straight line method, % of F.S. or any lesser calibrated range.</p> <p>[5] Low Frequency Response Is the Function Of the Discharge Time Constant Of The Charge Amplifier Used. Please, Refer To The Plot Below For Frequency Response For Different Time Constants</p> <div></div> <div></div> <p>Units on the line drawing are in inches, units in brackets are in millimeters. Refer to 127-3255C for more</p>						Model	Sensitivity (pC/g)	Range (Gpeak)	Resolution (Grms)	Oper. Temp(°F)																									
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