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REVISIONS			
RIPTION	BY/DATE	СНК	APPR
AS: .24	JS 03/12/09	RA	DV
N USA" MARKING	JS 04/27/12	LN	DV
G SCREW DYTRAN (2 PROVIDED)	RA, 02/08/13	LN	DV
& 2X 6688 M3 SCREW	EC 08/08/14	JS	EP
D ZONE B4 DRAWING RENCE	LA 12/02/16	RA	LN
DED: .22 [5.6], .44 [11.2] & .15 [3.8]	LA 02/20/17	RA	LN

Ο.	REV	ECN	DATE	RANGE		
	G	13283	02/20/17	2g		
	G	13283	02/20/17	5g		
	G	13283	02/20/17	10g		
	G	13283	02/20/17	25g		
	G	13283	02/20/17	50g		
	G	13283	02/20/17	100g		
	G	13283	02/20/17	200g		
	G	13283	02/20/17	400g		

Model Number 7500A4	I	PERFORMANCE	SPECIFICAT	ΓΙΟΝ					DOC NO PS7500A4
								REV H, ECN 15211, 07/09/1	
				This family	also includes:				•
						Frequency Response,	Differential, ±10%		Noise Differential
017	VARIABLE CAPACITANCE ACC	ELEROMETER		Model	Input Range (g)	±3dB (Hz)	(mV/g)	Max.Shock (gpk)	(µg rms/vHz)
OTRAN SN ++	DIFFERENTIAL MODE			7500A1	±2	0-400	1,000	2000	7
SN tttt	HERMETICALLY SEALED			7500A2	± 5	0-500	400	2000	12
	DC RESPONSE			7500A3	± 10	0-1000	200	5000	18
				7500A5	± 50	0-2000	40	5000	50
				7500A6	± 100	0-2500	20	5000	100
				7500A7 7500A8	± 200 ± 400	0-3000	10	5000	200
						0-4000	5	5000	400
	ENGLIQU			Refer to the	performance speci	fications of the p	roducts in this family f	or detailed description.	
HYSICAL	ENGLISH	SI		Supplied Ac	cossorios.				
	0.46 oz	40	arama			ato (ISO 17025)			
/eight, Max	0.46 oz 4-PIN, 1/4-28 UNF-2A	13	grams		d calibration certific	,			
onnector Type		4-PIN, 1/4-28 UNF-2A	4	·	ting screws model		,		
ounting Thru Holes	2 X Ø.13	2 X Ø.13	-	3) Two mour	nting screws model	# 6688 (SHCS,	M3 X 0.5 MM)		
aterial	Titanium Alloy	Titanium Alloy	1						
				Notes:					
ERFORMANCE	[]		٦2		ded sensitivity is ha		wn.		
put Range	<u>±25</u> g	±245.3	m/s ²		rated temperature	range.			
requency Response (±5%)	0 - 500 Hz	0 - 500	Hz		90% of Full Scale.				
requency Response (±3dB)	0 - 1400 Hz	0 - 1400	Hz	[4] In the interest of constant product improvement, we reserve the right to change specifications without notice.					
esonant Frequency	>2700 Hz	>2700	Hz	It is the customer's responsibility to validate that a particular product with the properties described in the					
ensitivity Differential, ±10% [1]	80 mV/g	8.2	mV/m/s ²	product specification is suitable for use in a particular application. Parameters provided in datasheets and / or					
utput Noise, Differential, Typ.	25 µ g rms/ \sqrt{Hz}	245	µ m/s² /√ Hz	specification	s may vary in differ	ent applications	and performance may	vary overtime. All ope	erating parameters,
on-Linearity, Max. [3]	0.5 % Span	0.5	% Span	including typ	ical parameters, m	ust be validated	for each customer app	plication by the custom	er's technical experts.
ransverse Sensitivity, Max.	3 %	3	%				100 1	.31	
cale Factor Calibration Error, Max.	1 %	1	%			[2	25.4]	[7.9]	
NVIRONMENTAL						 	.83		
aximum Mechanical Shock	5000 gpk	49050	m/s ² peak			L L	21]		
ias Temperature Shift, Max. [2]	111 (ppm of span)/°	F 200	(ppm of span)/°C		4	0			
as Calibration Error	0.5 % of span	0.5	% of span						
perating Temperature Range	-67 to +257 °F	-55 to +125	°C						
cale Factor Temperature Shift [2]	-111 to +111 ppm/°F	-200 to +200	ppm/°C			LL I			
eal	Hermetic	Hermetic]		1.00	Ð)	Ð		
LECTRICAL					.49	(2XØ.13 T [3.3]	HRU
utput Common Mode Voltage, Typ.	2.45 VDC	2.45	VDC		[12.3]				
utput Impedance, Nom.	1 Ω	1	Ω		÷ ÷				
perating Voltage	+9 to +32 VDC	+9 to +32	VDC			~			
perating Current (AOP & AON open)	<12 mA DC	<12	mA DC						
ower Supply Rejection Ratio	>65 dB	>65	dB		÷.				
round Isolation	>30 MΩ	>30	MΩ		_1	<u> </u>		T-220	
					.33			LANK I	
					[8.4]				
					-	L			
				1					



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