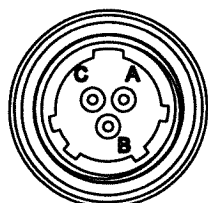
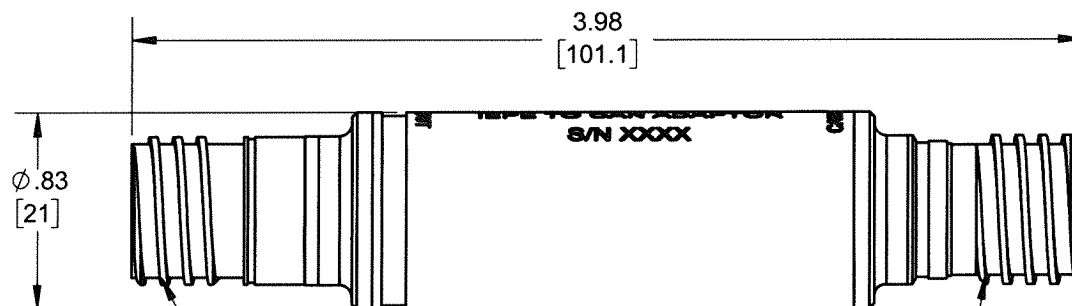


PROPRIETARY AND CONFIDENTIAL

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REVISIONS

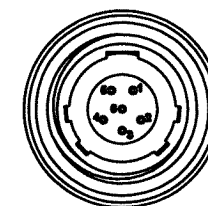
REV	ECN	DESCRIPTION	BY/DATE	CHK	APPR
A	14758	INITIAL RELEASE	AM 12/13/18	<i>AM</i>	<i>MH</i>



PIN A - CASE GND
PIN B - IEPE GND/RET
PIN C - IEPE SIG/PWR

CONNECTOR RECEPTACLE,
3-PIN, D38999/25YA98PN
MATES WITH
D38999/26WA98SN

CONNECTOR, 6-PIN,
D38999/25YA35PN
MATES WITH
D38999/26WA35SN



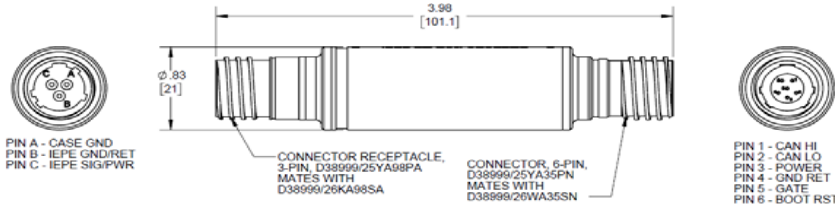
PIN 1 - CAN HI
PIN 2 - CAN LO
PIN 3 - POWER
PIN 4 - GND RET
PIN 5 - GATE
PIN 6 - BOOT RST

2. MATERIAL: 300 SERIES STAINLESS STEEL.

1. WEIGHT: 85 GRAMS, MAX.

NOTES: UNLESS OTHERWISE SPECIFIED

4760A		UNLESS OTHERWISE SPECIFIED: INTERPRET DIM & TOL PER ASME Y14.5M - 1994. REMOVE BURRS. COUNTERSINK INTERNAL THDS 90° TO MAJOR DIA. CHAM EXT THDS 45° TO MINOR DIA. THD LENGTHS AND DEPTHS ARE FOR MIN FULL THDS. THDS PER MIL-S-7742. DIMENSIONS APPLY AFTER FINISHING.		UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES. DIMENSIONS IN BRACKETS [] ARE IN MILLIMETERS TOLERANCES ARE: INCHES METRIC ANGLES .XX ± .03 .X ± 0.8 ± 1° .XXX ± .010 .XX ± 0.25		CONTRACT NO.		MASTER ONLY IF IN RED Chatworth, CA		TITLE: OUTLINE/INSTALLATION DWG, MODEL 4760A	
USED ON	NEXT ASSY	APPLICATION		MATERIAL		APPROVALS					
THIRD ANGLE PROJECTION USA		ALL MACHINED SURFACES. TOTAL RUNOUT WITHIN .005. BREAK SHARP EDGES .005 TO .010. MACHINED FILLET RADII .005 TO .015. WELDING SYMBOLS PER AWS A2.4. ABBREVIATIONS PER MIL-STD-12.		FINISH		ORIG LN 06/20/14 CHK <i>AM</i> 1/21/19 APP <i>MH</i> 1/22/19		SIZE A CAGE CODE 2W033 DWG. NO. 127-4760A REV A		SCALE: NONE SOLIDWORKS SHEET 1 OF 1	
		DO NOT SCALE DRAWING									

Model Number 4760A		PERFORMANCE SPECIFICATION				DOC NO PS4760A	
		IEPE TO CAN CONVERTER				REV B, ECN 15855, 07/21/20	
		• CONVERTS IEPE SENSORS TO CAN OUTPUT					
		ENGLISH		SI			
PHYSICAL							
Weight, Max.		3	oz	85	grams		
Input Connector [1]	Type	3-pin		3-pin			
Output Connector [2]	Type	6-pin		6-pin			
Housing Material		300 Series S.S.		300 Series S.S.			
PERFORMANCE (SYSTEM)							
Input range		±500	g	±4905	m/s ²		
Maximum bandwidth (+/-3dB)		1 to 10,000	Hz	1 to 10,000	Hz		
Maximum bandwidth (+/-5dB)		1 to 20,000	Hz	1 to 20,000	Hz		
Available sampling rates		1.625 / 3.25 / 6.5 / 13 / 26 / 52	kHz	1.625 / 3.25 / 6.5 / 13 / 26 / 52	kHz		
Equivalent Electrical Noise Floor		0.015	g RMS	0.147	m/s ² RMS		
Linearity [3]		± 1%	% F.S.	± 1%	% F.S.		
Available vibration analysis:	asynchronous	Time data RMS		Time data RMS			
		Time data skew		Time data skew			
		Fixed band spectral peak		Fixed band spectral peak			
		Fixed spectral data energy		Fixed spectral data energy			
		Relative band spectral seak		Relative band spectral seak			
		Relative spectral data energy		Relative spectral data energy			
	synchronous	TSA		TSA			
		ODD		ODD			
		Amplitude		Amplitude			
		Phase		Phase			
ENVIRONMENTAL							
Maximum Vibration		±600	g pk	±5886	m/s ² pk		
Maximum Shock		±2000	g pk	±19620	m/s ² pk		
Temperature Range		-40 to 250	°F	-40 to 121	°C		
Seal		Hermetic		Hermetic			
Electrical							
Supply Current Range		<150	mA	<150	mA		
Supply Voltage Range		16 to 32	Volts	10 to 32	Volts		
Electrical Isolation,Ground Wire to Case		10	MΩ,min	10	MΩ,min		
Sensor compliance voltage		15	VDC	15	VDC		
Sensor compliance current		10	mA	10	mA		
		This family also includes:					
		Refer to the performance specifications of the products in this family for detailed description					
		Supplied Accessories:					
		1) Accredited calibration certificate (ISO 17025)					
		Notes:					
		[1] D38999/25YA98PN connector receptacle, mates with D38999/26WA98SN					
		[2] D38999/25YA35PN connector, mates with D38999/26WA35SN					
		[3] Percent of full scale or any lesser range, zero based best-fit straight line method.					
		[4] In the interest of constant product improvement, we reserve the rights to change the specifications without notice. It is the customer's responsibility to validate that a particular product with the properties described in the product specification is suitable for use in a particular application. Parameters provided in datasheets and / or specifications may vary in different applications and performance may vary overtime. All operating parameters, including typical parameters, must be validated for each customer application by the customer's technical experts.					
							
		Units on the line drawing are in inches, units in brackets are in millimeters. Refer to 127-4760A for more information.					



21592 Marilla Street, Chatsworth, California 91311 Phone: 818.700.7818 Fax: 818.698.0362 www.dytran.com
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