	8 7	6	5	4	3 2	1
SF	PECIFICATIONS:		•		REVISIONS	
All	l values are typical at +24°C (+75°F) and 12Vdc excitation unless of					
	ARAMETERS	VALUE	UNITS		REV DESCRIPTION	DRAWN/DATE CHECK./DATE APPR./DATE
	ASH NO002 -005 -010	-030 -050 -100	-200		A INITIAL RELEASE	CL/9-08-15 AR/9-08-15 TFC/9-08-15
	YNAMIC RANGE ±2 ±5 ±10 ENSITIVITY ±10% (DIFFERENTIAL) 1000 400 200	<u>±30</u> ±50 ±100 67 40 20	±200 g 10 mV/g			
	EQUENCY RESPONSE ±5% 0-250 0-700 0-1000	0-1000 0-1000 0-1000	0-1000 Hz		B ADDED THE BRAIDED SHIELD	CL/11-05-15 AR/11-05-15 TFC/11-05-15
	SIDUAL NOISE (PASSBAND) 200 250 300	300 300 300	300 µV RMS		C CHANGE THE MOUNTING HOLES	CL/1-04-15 AR/1-04-15 TFC/1-04-15
	10CK LIMIT 2000 5000 5000	5000 5000 5000	5000 g		D CHANGE VALUE IN THE RESIDUAL NOSIE	CL/6-04-15 AR/6-04-15 TFC/6-04-15
P/	ARAMETERS	VALUE	UNITS			
ZE	RO ACCELERATION OUTPUT (DIFFERENTIAL)	± 50	m V	_	[25.0] [4.20]	
TR	RANSVERSE SENSITIVITY	< 3	%		□.98 2x, Ø.165	
NC	DN-LINEARITY (BFSL)	±1	% FSO			
	IERMAL ZERO SHIFT, -40 to +100°C (-40 to +212°F)	±2.5	% FSO			
RE	FERENCE 24°C (75°F) -54 to +121°C (-65 to +250°F)	±3.0				4.3]
	IERMAL SENSITIVITY SHIFT, -40 to +100°C (-40 to +212°F)	±3.0	%	↑	.27).17
	-54 to +121°C (-65 to +250°F)	±3.5				
	(CITATION VOLTAGE	8 to 36	Vdc			>
	CITATION CURRENT	< 5	mA	[19.0]		
	DMMON MODE VOLTAGE	1.6	Vdc	□ ⁻ .75 ⁻		
	ILL SCALE OUTPUT VOLTAGE	±2 <100	Vpk (FSO = 2V) Ω		<u>⊢</u>	·/• —
	JTPUT IMPEDANCE					
	SULATION RESISTANCE (@100Vdc) PERATING TEMPERATURE	>100	MΩ °C (°F)		6-6 POLYAMIDE	/
	JMIDITY (ACTIVE ELEMENT & ELECTRONICS)	-54 to +121 (-65 to +250) Hermetic Seal	°C (°F)		BRAIDED SHIELD	
	JMIDITY (HOUSING)	Silicone Potted IP65		<u> </u>	(
	EIGHT (CABLE NOT INCLUDED)	10	Grams		.	
	OUNTING TORQUE	6 (0.7)	lb-in (N-m)		4x, R.03	
	JRN ON TIME	<100	mSEC			
						4
В		KC (BLACK) JT (WHITE) XC (RED) JT (GREEN)	+ ACCELERATION			IDED —/
	└─────── ─ ────		ΤΔΒΙ		UNLESS OTHERWISE SPECIFIED: NAME DATE	
1	NOTES:		ZZZ	TOLERANCE		
NO				+0.5 [13]	DIMENSIONS ARE IN INCHES [mm] DRAWN C.L 9-08-15 TOLERANCES:	— / —
_		RICALLY			TOLERANCES: CHECKED A.R 9-08-15	Contraction of the second s
NO ⁻	ALUMINUM HOUSING, WITH CHEM FILM COATING, IS ELECT CONDUCTIVE, SINGLE-POINT GROUNDING BY USER REQUIR		≤ 4 [102]	-0 [0]		
_	CONDUCTIVE. SINGLE-POINT GROUNDING BY USER REQUIR GROUND LOOPS(SHIELD OF MATING CABLE MUST FLOAT O	ED TO PREVENT		+1 [25]	ANGULAR ±5° TWO PLACE DECIMAL ±.03 [.8] ENC ADDR TEC 0.08 15	Aliso Viejo, CA 92656
_	CONDUCTIVE. SINGLE-POINT GROUNDING BY USER REQUIR	ED TO PREVENT	> 4 [102] & <12	2 [305] +1 [25] -0 [0]	ANGULAR ±5° TWO PLACE DECIMAL ±.03 (.8) THREE PLACE DECIMAL±.010 [.25] ENG APPR. TFC 9-08-15 TTITLE	
1.	CONDUCTIVE. SINGLE-POINT GROUNDING BY USER REQUIR GROUND LOOPS(SHIELD OF MATING CABLE MUST FLOAT O	ED TO PREVENT N USER END WHEN		2 [305] +1 [25] -0 [0] 0 [1524] +2 [51]	ANGULAR ±5° TWO PLACE DECIMAL ±.03 [.8] ENG APPR. THREE PLACE DECIMAL ±.010 [.25] ENG APPR. MATERIAL MFG APPR.	:
1.	CONDUCTIVE. SINGLÉ-POINT GROUNDING BY USÉR REQUIR GROUND LOOPS(SHIELD OF MATING CABLE MUST FLOAT O MOUNTING ACCELEROMETER TO CONDUCTIVE SURFACE) FOR #8-32 (UNIFIED SCREW THREAD) OR M4 METRIC SOCK	ED TO PREVENT N USER END WHEN ET HEAD CAP SCREW.	> 4 [102] & ≤12 > 12 [305] & ≤ 60	2 [305] +1 [25] -0 [0] 0 [1524] +2 [51] -0 [0] +4 [103]	ANGULAR +5° TWO PLACE DECIMAL ±.03 [.8] THREE PLACE DECIMAL ±.010 [.25] ENG APPR. TFC 9-08-15 TITLEE MATERIAL MFG APPR	E: ODEL 4604M8-XXX-ZZZ-C
1.	CONDUCTIVE. SINGLÉ-POINT GROUNDING BY USÉR REQUIR GROUND LOOPS(SHIELD OF MATING CABLE MUST FLOAT O MOUNTING ACCELEROMETER TO CONDUCTIVE SURFACE) FOR #8-32 (UNIFIED SCREW THREAD) OR M4 METRIC SOCK MODEL NUMBER, (SEE SHEET 2 OF 2 FOR MODEL NUMBER V	ED TO PREVENT N USER END WHEN ET HEAD CAP SCREW.	> 4 [102] & <12	2 [305] +1 [25] -0 [0] 0 [1524] +2 [51] -0 [0] +4 [103]	ANGULAR ±5°	:
1. A 2.	CONDUCTIVE. SINGLÉ-POINT GROUNDING BY USÉR REQUIR GROUND LOOPS(SHIELD OF MATING CABLE MUST FLOAT O MOUNTING ACCELEROMETER TO CONDUCTIVE SURFACE) FOR #8-32 (UNIFIED SCREW THREAD) OR M4 METRIC SOCK MODEL NUMBER, (SEE SHEET 2 OF 2 FOR MODEL NUMBER W 4604M8-XXX-ZZZ-C	ED TO PREVENT N USER END WHEN ET HEAD CAP SCREW. /ITH STANDARD OPTION)	> 4 [102] & ≤ 12 > 12 [305] & ≤ 60 > 60 [1524] & ≤ 12	$\begin{array}{c} 2 \ [305] \\ 0 \ [1524] \\ 20 \ [3048] \\ -0 \ [0] \\ -0 \ [0] \\ -0 \ [0] \\ +4 \ [102] \\ -0 \ [0] \\ +6 \ [152] \\ \end{array}$	ANGULAR ±5°	E: ODEL 4604M8-XXX-ZZZ-C ACCELEROMETER
1. A 2.	CONDUCTIVE. SINGLÉ-POINT GROUNDING BY USÉR REQUIR GROUND LOOPS(SHIELD OF MATING CABLE MUST FLOAT O MOUNTING ACCELEROMETER TO CONDUCTIVE SURFACE) FOR #8-32 (UNIFIED SCREW THREAD) OR M4 METRIC SOCK MODEL NUMBER, (SEE SHEET 2 OF 2 FOR MODEL NUMBER W 4604M8-XXX-ZZZ-C	ED TO PREVENT N USER END WHEN ET HEAD CAP SCREW. /ITH STANDARD OPTION)	> 4 [102] & ≤12 > 12 [305] & ≤ 60	$\begin{array}{c} 2 \left[305 \right] & +1 \left[25 \right] \\ -0 \left[0 \right] \\ 0 \left[1524 \right] & +2 \left[51 \right] \\ -0 \left[0 \right] \\ 20 \left[3048 \right] & +4 \left[102 \right] \\ -0 \left[0 \right] \\ 160 \left[9144 \right] & +6 \left[152 \right] \\ -0 \left[0 \right] \end{array}$	ANGULAR ±5° TWO PLACE DECIMAL ±0.3 [.8] ENG APPR. THREE PLACE DECIMAL ±0.3 [.8] ENG APPR. MARCE DECIMAL ±0.3 [.8] MFG APPR. - MFG APPR. - Q.A. APPR. PROPRIETARY AND CONFIDENTIAL COMMENTS: THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE DO NOT SCALE DRAWING. SIZE SIZE	E: ODEL 4604M8-XXX-ZZZ-C
1. A <u>2.</u> 3.	CONDUCTIVE. SINGLÉ-POINT GROUNDING BY USÉR REQUIR GROUND LOOPS(SHIELD OF MATING CABLE MUST FLOAT O MOUNTING ACCELEROMETER TO CONDUCTIVE SURFACE) FOR #8-32 (UNIFIED SCREW THREAD) OR M4 METRIC SOCK MODEL NUMBER, (SEE SHEET 2 OF 2 FOR MODEL NUMBER V 4604M8-XXX-ZZZ-C C CABLE LENGTH (INCHES) [e.g. 120 RANGE (g) [e.g. 100 IS 100g RANG	ED TO PREVENT N USER END WHEN ET HEAD CAP SCREW. /ITH STANDARD OPTION)	> 4 [102] & ≤ 12 > 12 [305] & ≤ 60 > 60 [1524] & ≤ 12	$\begin{array}{c} 2 \left[305 \right] & +1 \left[25 \right] \\ -0 \left[0 \right] \\ 0 \left[1524 \right] & +2 \left[51 \right] \\ -0 \left[0 \right] \\ 20 \left[3048 \right] & +4 \left[102 \right] \\ -0 \left[0 \right] \\ 60 \left[9144 \right] & +6 \left[152 \right] \\ -0 \left[0 \right] \\ 1 & +12 \left[305 \right] \end{array}$	ANGULAR ±5° TWO PLACE DECIMAL ±03 [.8] ENG APPR. THREE PLACE DECIMAL ±03 [.25] ENG APPR. MATERIAL MFG APPR. - MFG APPR. FINISH Q.A. APPR. - Q.A. APPR. PROPRIETARY AND CONFIDENTIAL COMMENTS: THE INFORMATION CONTAINED DO NOT SCALE DRAWING. PROPERTY OF MEASUREMENT DO NOT SCALE DRAWING. PROPERTY OF MEASUREMENT MITERPRET GEOMETRIC TOLERANCING PROPERTY OF MEASUREMENT ANSI 1214.5M I 1994.	E: ODEL 4604M8-XXX-ZZZ-C ACCELEROMETER
1.	CONDUCTIVE. SINGLÉ-POINT GROUNDING BY USÉR REQUIR GROUND LOOPS(SHIELD OF MATING CABLE MUST FLOAT O MOUNTING ACCELEROMETER TO CONDUCTIVE SURFACE) FOR #8-32 (UNIFIED SCREW THREAD) OR M4 METRIC SOCK MODEL NUMBER, (SEE SHEET 2 OF 2 FOR MODEL NUMBER W 4604M8-XXX-ZZZ-C	ED TO PREVENT N USER END WHEN ET HEAD CAP SCREW. /ITH STANDARD OPTION)	$ > 4 [102] \& \le 12 $ $ > 12 [305] \& \le 60 $ $ > 60 [1524] \& \le 12 $ $ > 120 [3048] \& \le 30 $	$\begin{array}{c} 2 \ [305] \\ 2 \ [305] \\ 0 \ [1524] \\ 20 \ [3048] \\ \hline \\ 60 \ [9144] \\ -0 \ [0] \\ \hline \\ -0 \ [0] \\ \hline \\ +12 \ [51] \\ -0 \ [0] \\ \hline \\ -0 \ [0] \\ \hline \\ +2 \ [51] \\ -0 \ [0] \\ \hline \\ -0 \ [0] \\ \hline \\ +12 \ [305] \\ \hline \\ -0 \ [0] \\ \hline \\ +12 \ [305] \\ \hline \\ -12 \ [305] \hline \hline \\ -12 \ [10 \] \\ -12 \ [10 \] \\ -12 \ [1$	ANGULAR ±5° TWO PLACE DECIMAL ±0.3 [.8] ENG APPR. THREE PLACE DECIMAL ±0.3 [.8] ENG APPR. MARCE DECIMAL ±0.3 [.8] MFG APPR. - MFG APPR. - Q.A. APPR. PROPRIETARY AND CONFIDENTIAL COMMENTS: THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE DO NOT SCALE DRAWING. SIZE SIZE	E: ODEL 4604M8-XXX-ZZZ-C ACCELEROMETER DWG. NO. OD-4604M8-XXX-ZZZ-C