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REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	A	RELEASE FOR PRODUCTION	07MAY2018	RS	MK

ABSOLUTE MAXIMUM RATINGS	SYMBOL	MIN	MAX	UNIT
STORAGE TEMPERATURE	T _{s+g}	- 40	85	°C
POWER SUPPLY INPUT VOLTAGE	V _{dd}	3.1	3.5	VDC
TOTAL SYSTEM CURRENT DRAW	I _d	x	10	mA

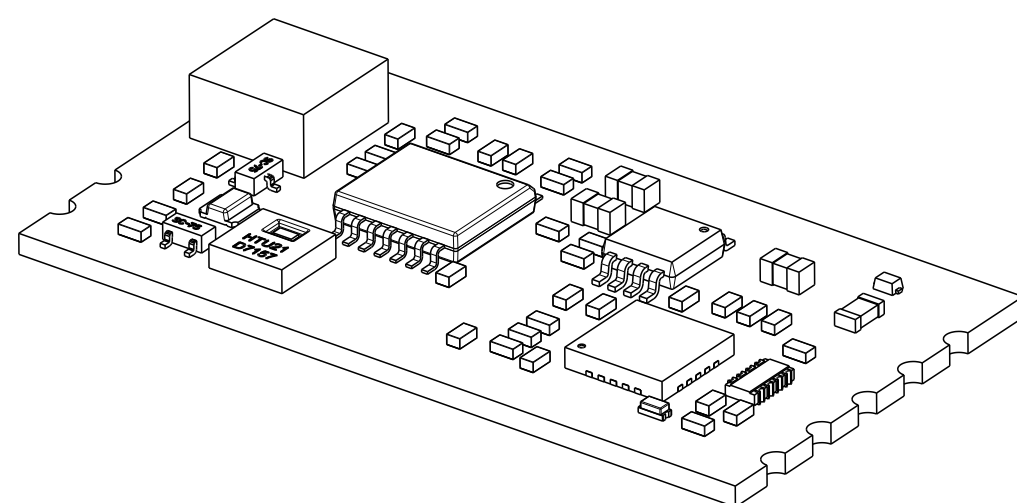
ELECTRICAL CHARACTERISTICS	MIN	MAX	UNIT
ANALOG AUDIO OUTPUT SENSITIVITY	-25	-19	dBV
ANALOG AUDIO OUTPUT FREQ RANGE	100	10 k	Hz

ENVIRONMENTAL CHARACTERISTICS	MIN	MAX	UNIT
OPERATING TEMPERATURE	-5	50	°C
RELATIVE HUMIDITY OPERATING, NON-CONDENSING ENVIRONMENT	5	95	%

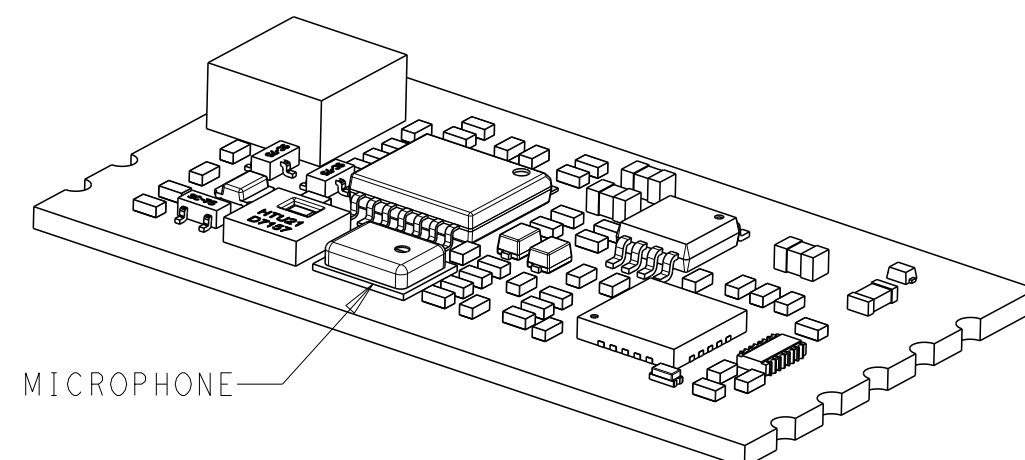
ITEM:SENSOR	SENSOR PERFORMANCE
1: TEMPERATURE	-5°C TO +50°C±0.3°C ACCURACY,1 SECOND ACQUISITION RATE
2: RELATIVE HUMIDITY	5% TO 95% RH, 2% ACCURACY,1 SECOND ACQUISITION RATE
3: MOTION	INTERRUPT DRIVEN, RESPONSE <0.5 SECS.
4: AMBIENT LIGHT LEVELS	1 SECOND ACQUISITION RATE
5: MICROPHONE	INTERRUPT DRIVEN, RESPONSE <0.5 SECS.

NOTES:

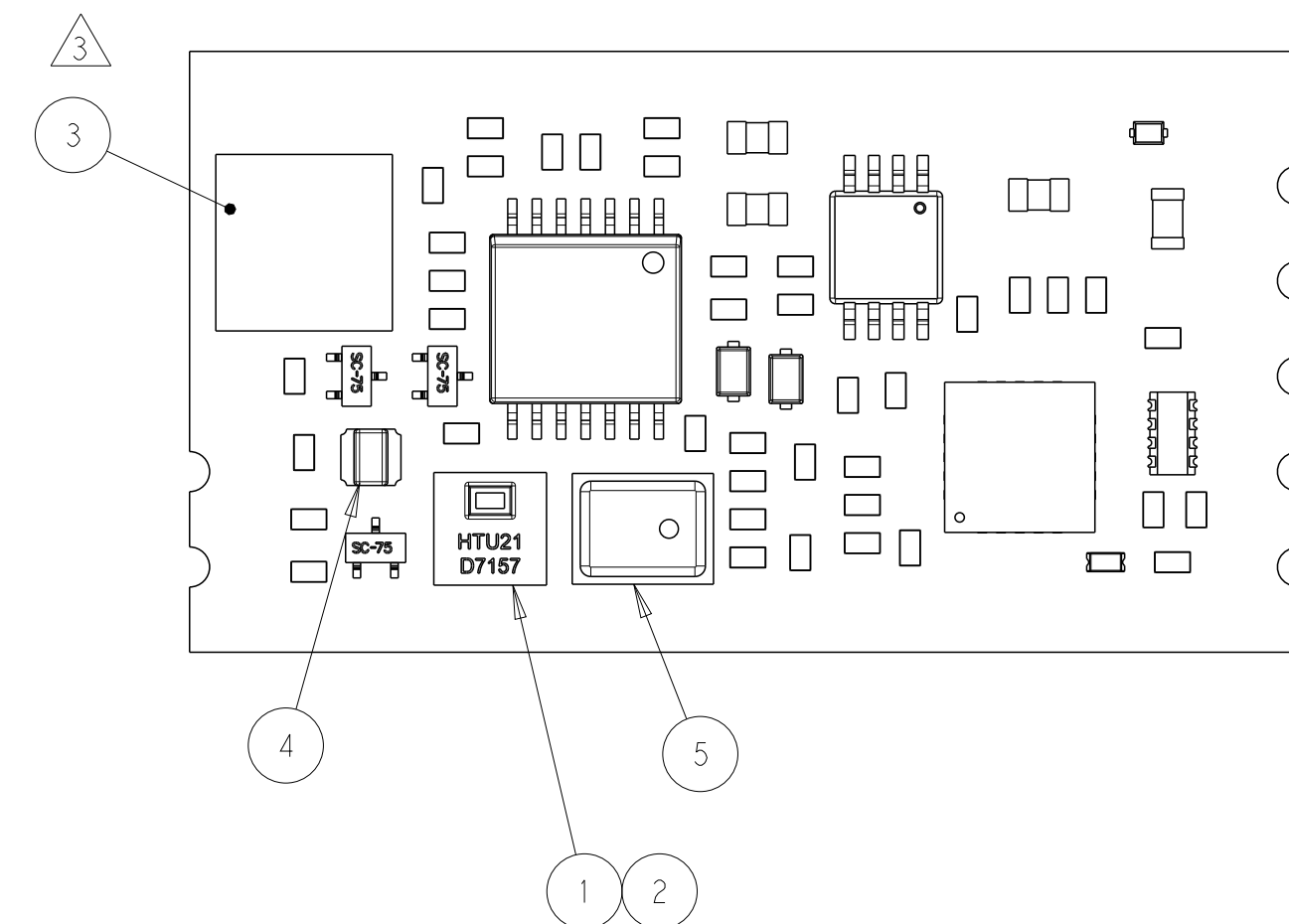
1. THIS PRODUCT HAS NOT COMPLETED VALIDATION TESTING,
2. MUST COMPLY WITH DIRECTIVE 2002/95/EC (ROHS).
3 SEPARATE LENS IS AVAILABLE UNDER TE P/N: 2317697-1.



2316851-1 SHOWN



2316851-2 SHOWN



w / MICROPHONE	A	2316851-2
w / o MICROPHONE	A	2316851-1
COMMENTS	REV	PART NO.

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN J. SHAFFER 16 JUN 2017		 TE Connectivity				
		CHK C. GINGRICH 16 JUN 2017						
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME AMBIMATE, MSM4 SENSOR MODULE, CASTELLATION				
		APVD -						
0 PLC ± 1 PLC ±0.4 2 PLC ±0.25 3 PLC ± 4 PLC ± ANGLES ± ±		PRODUCT SPEC 108-133092						
		APPLICATION SPEC 114-133092						
MATERIAL		FINISH		SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO	
- -		- -		A2	-	C-2316851	-	
CUSTOMER DRAWING						SCALE 3:1	SHEET 1 of 2	REV A

P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-

D

D

C

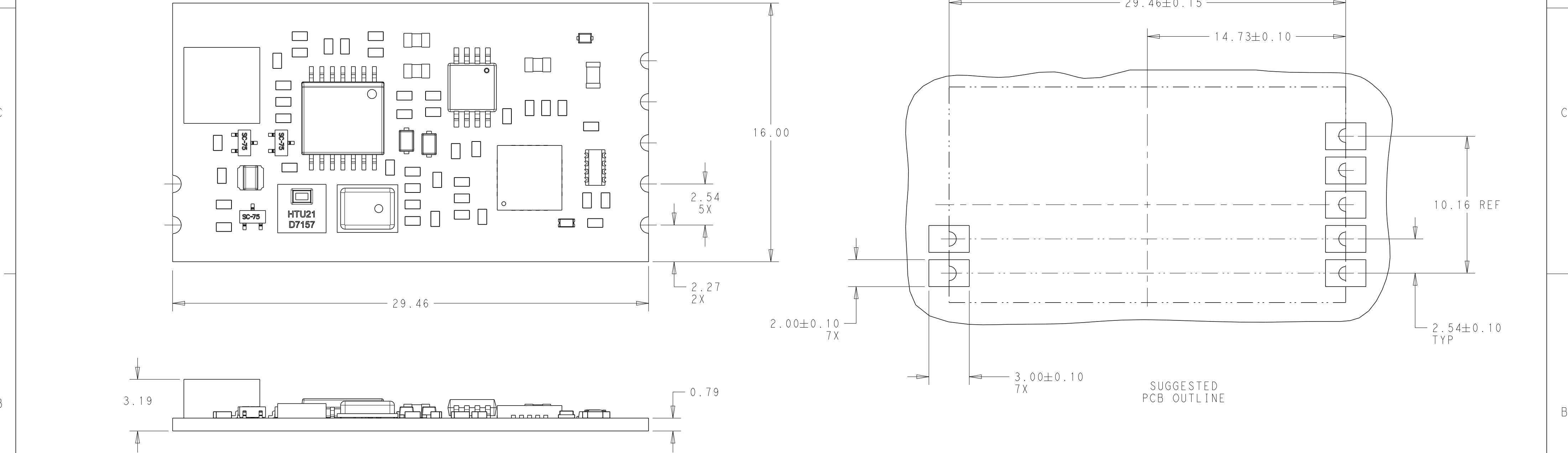
C

B

B

A

A



Mouser Electronics

Authorized Distributor

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[TE Connectivity:](#)

[2316851-2](#)