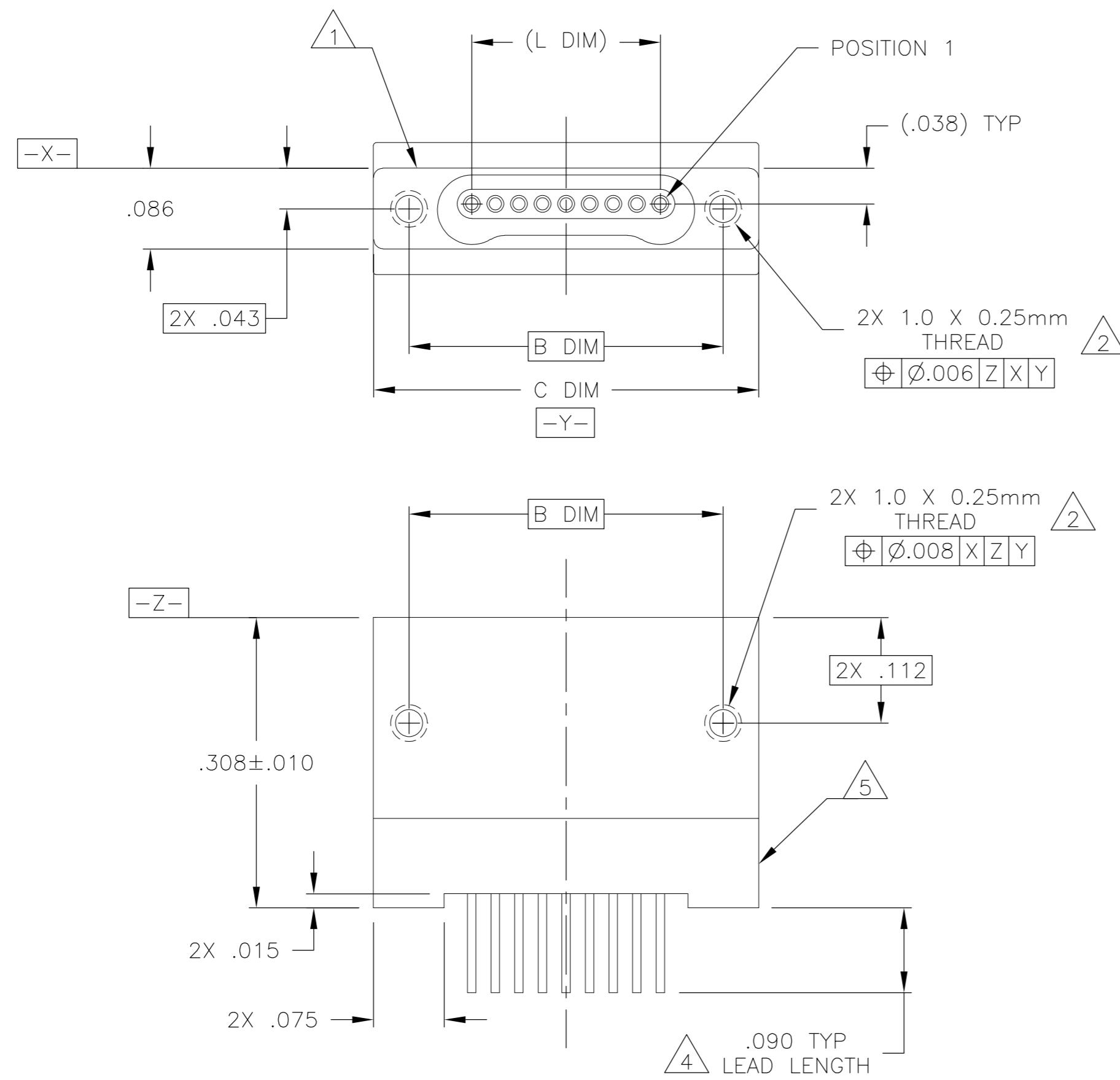


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REVISIONS
LOC — DIST —
P LTR B1
DESCRIPTION UPDATE PER ECO-12-021131
DATE 3 DEC 12 DWN CAS MKS



SIZE	B DIM	C DIM ±.0050	(L DIM)
05	.233	.3085	(.100)
09	.333	.4085	(.200)
15	.483	.5585	(.350)
25	.733	.8085	(.600)
37	1.033	1.1085	(.900)
51	1.383	1.4585	(1.250)

1 SHELL OPTIONS (TO BE SPECIFIED IN NANONICS PART NUMBER):
METAL: 6061-T6 ALUMINUM, ELECTROLESS NICKEL PLATED PER SAE-AMS-C-26074 OR SAE-AMS-2404 (STANDARD) OR GOLD PLATED PER ASTM B488
303 STAINLESS STEEL, PASSIVATED PER SAE-AMS-2700

INSULATOR MATERIAL FOR ALL METAL SHELLS IS LIQUID CRYSTAL POLYMER (LCP) PER MIL-M-24519 OR PER ASTM D5138

PLASTIC: LIQUID CRYSTAL POLYMER (LCP) PER MIL-M-24519 OR PER ASTM D5138

2 STANDARD 1.0 X 0.25mm MOUNTING AND JACKSCREW THREADS ARE SHOWN FOR REFERENCE ONLY AND MUST BE SPECIFIED IN THE NANONICS PART NUMBER WHEN REQUIRED. 1.2 X 0.25mm THREADS ALSO AVAILABLE.

3 MOUNTING HARDWARE IS AVAILABLE WITH THIS CONFIGURATION (NOT SHOWN). HARDWARE MUST BE SPECIFIED IN THE NANONICS PART NUMBER. CONSULT TYCO ELECTRONICS FOR DETAILS.

4 LEAD MATERIAL: HH BRASS, GOLD PLATED PER ASTM B488

5 LEAD ORGANIZER MATERIAL IS LIQUID CRYSTAL POLYMER PER ASTM D5138

6 THROUGH HOLE LEADS ARE EPOXY ENCAPSULATED WITHIN THE LEAD ORGANIZER

7 NANONICS TERMINATION CODE: W5

8 THIS DRAWING PREVIOUSLY IDENTIFIED AS NANONICS N10138/153

THIS DRAWING IS A CONTROLLED DOCUMENT.		26 SEP 05	TE Connectivity
DWN C SCHOLL	26 SEP 05	M. STORRY	
DIMENSIONS: INCHES	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD	NAME
0 PLC 1 PLC 2 PLC 3 PLC 4 PLC	± - ± - ± .010 ± .005 ± 1°	— — — —	RECEPTACLE ASSY, VERTICAL MOUNT, THROUGH HOLE, 1 ROW TO 2 ROW, .050 SPACING, PLASTIC OR METAL, GOLD LEADS, ROHS COMPLIANT
MATERIAL SEE NOTES	FINISH SEE NOTES	WEIGHT —	SIZE CAGE CODE DRAWING NO A2 OPJN9 C-1589936 RESTRICTED TO
			—
			CUSTOMER DRAWING
		SCALE 8:1	1 OF 2 REV B1

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LOC —	DIST —	REVISIONS							
		P	LTR	DESCRIPTION			DATE	DWN	APVD
		—	—	SEE SHEET 1			—	—	—

Technical drawing showing four horizontal rows of circular features (holes or pads) and a central assembly detail. The top row has 4 features, the second row has 14 features, the third row has 24 features, and the bottom row has 36 features. The second row is labeled '15 POSITION', the third row is labeled '25 POSITION', and the bottom row is labeled '37 POSITION'. The top row is labeled '5 POSITION'. The central assembly detail shows a top view with various dimensions and feature descriptions. Key dimensions include:

- Row 5: (.100)
- Row 15: (.350)
- Row 25: (.600)
- Row 37: (.900)
- Row 51: (1.250)
- Central assembly top view dimensions: (.308), (.020 TYP), (.0660), (.200), (.050 TYP PITCH), (.025), (.050 TYP), (.041 TYP), (.039 TYP), (.016 TYP), (.013 TYP), and (.004).
- Bottom view dimensions: (.050±.002 (FOR 1.0mm MTG SCREWS)) and (.058±.002 (FOR 1.2mm MTG SCREWS)).

TYPICAL PCB LAYOUT

9 POSITIONAL TOLERANCES FOR BASIC DIMENSIONED FEATURES ARE RELATIVE TO FIDUCIALS OR SOME SIMILAR DATUM REFERENCES DEFINED BY PCB DESIGNER.

10 PLATED THROUGH HOLES

<div[](img/11_solder_pads.png) 11 SOLDER PADS

<div

13 CONNECTOR ORIENTATION

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN C SCHOLL CHK M. STORRY	26 SEP 05 26 SEP 05	 TE Connectivity			
DIMENSIONS: INCHES	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD — PRODUCT SPEC — APPLICATION SPEC —	— NAME	RECEPTACLE ASSY, VERTICAL MOUNT, THROUGH HOLE, 1 ROW TO 2 ROW, .050 SPACING, PLASTIC OR METAL, GOLD LEADS, ROHS COMPLIANT			
	0 PLC \pm — 1 PLC \pm — 2 PLC \pm .010 3 PLC \pm .005 4 PLC \pm — ANGLES \pm 1°	SIZE A2	CAGE CODE OPJN9	DRAWING NO C-1589936			RESTRICTED TO —
	FINISH SEE NOTES			WEIGHT —			
MATERIAL SEE NOTES	SEE NOTES	CUSTOMER DRAWING			SCALE 8:1	SHEET 2 OF 2	REV B1

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