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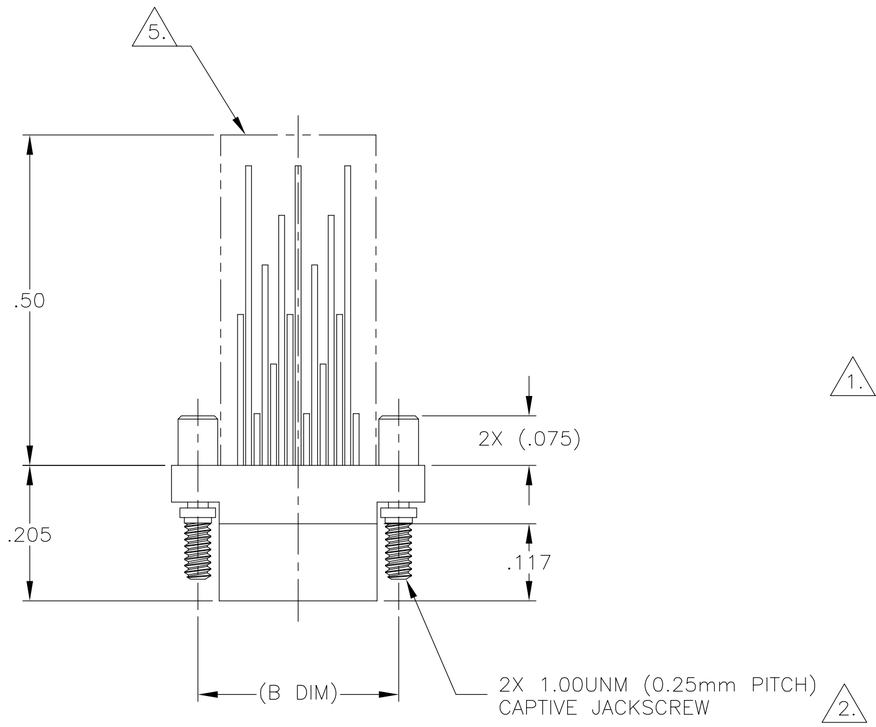
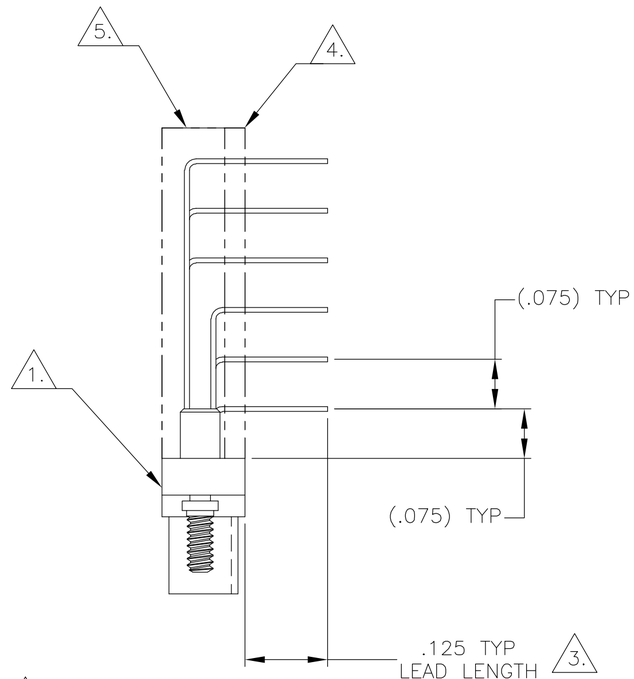
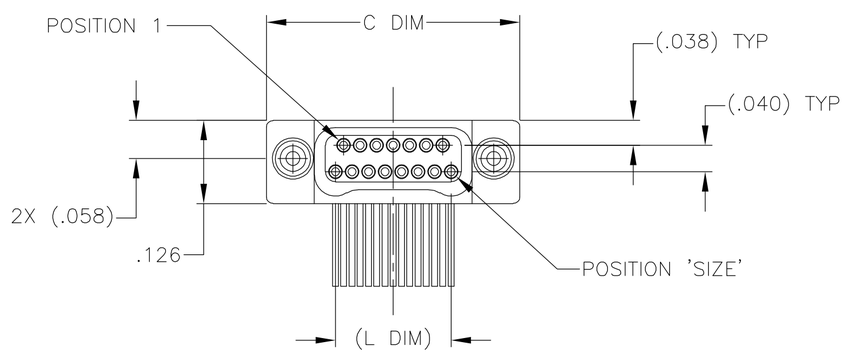
LOC	DIST
DF	DO

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	D	UPDATE PER 0H2Y–0164–02	12 MAY 04	CAS	MKS







SIZE	(B DIM)	C DIM ±.0050	(L DIM)
09	(.229)	.3085	(.100)
15	(.304)	.3835	(.175)
25	(.429)	.5085	(.300)
37	(.579)	.6585	(.450)
51	(.754)	.8335	(.625)
65	(.929)	1.0085	(.800)

1. SHELL OPTIONS (TO BE SPECIFIED IN NANONICS PART NUMBER):
   METAL: 6061–T6 ALUMINUM, ELECTROLESS NICKEL PLATED PER MIL–C–26074 (STANDARD) OR GOLD PLATED PER MIL–G–45204
   303 STAINLESS STEEL, PASSIVATED PER SAE–AMS–QQ–P–35
   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 1.00UNM CAPTIVE JACKSCREWS ARE SHOWN FOR REFERENCE ONLY AND MUST BE SPECIFIED IN THE NANONICS PART NUMBER WHEN REQUIRED. JACKSCREW MATERIAL IS 303 STAINLESS STEEL, PASSIVATED PER SAE–AMS–QQ–P–35, AND DRY LUBED PER DOD–L–85645. RETAINING RING IS 17–4 STAINLESS STEEL, PASSIVATED PER SAE–AMS–QQ–P–35. JACKSCREWS HAVE A .9mm HEX SOCKET HEAD. 1.20UNM JACKSCREWS ALSO AVAILABLE.
3. LEADS ARE HH BRASS, TIN LEAD PLATED 60/40 COMPOSITION PER SAE–AMS–P–81728.
4. INSULATOR BOARD MATERIAL: G10 OR EQUIVALENT.
5. EPOXY ENCAPSULATION.
6. TERMINATION CODE: C6
7. THIS DRAWING PREVIOUSLY IDENTIFIED AS NANONICS N10138/285

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: INCHES

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ± –
1 PLC ± –
2 PLC ± .010
3 PLC ± .005
4 PLC ± –
ANGLES ± 1

MATERIAL: SEE NOTES
FINISH: SEE NOTES

DWN M. STORRY 6 JUL 00
CHK S. KAIN 6 JUL 00
APVD – –
PRODUCT SPEC —
APPLICATION SPEC —
WEIGHT –

tyco Electronics
Tyco Electronics Corporation
Harrisburg, PA 17105

NAME: PLUG ASSEMBLY, HORIZONTAL MOUNT, THROUGH HOLE, 2 TO 6 ROW, .075 SPACING, PLASTIC OR METAL

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A2	00779	C–1589492	—

CUSTOMER DRAWING | SCALE 6:1 | SHEET 1 OF 2 | REV D

1589492

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LOC	DIST
DF	DO

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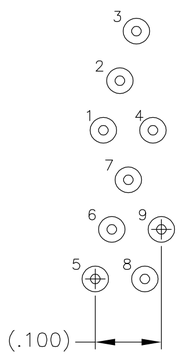
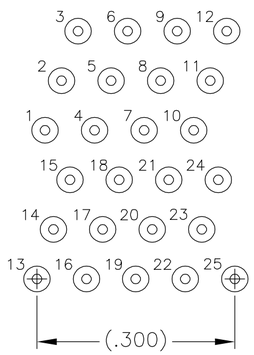
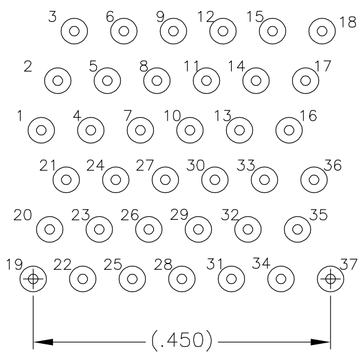


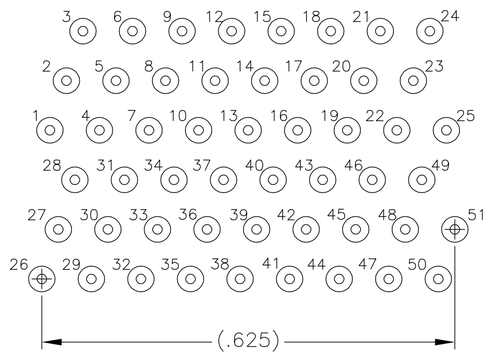
9 POSITION



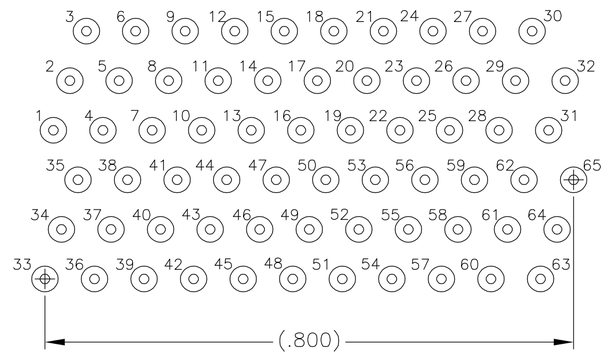
25 POSITION



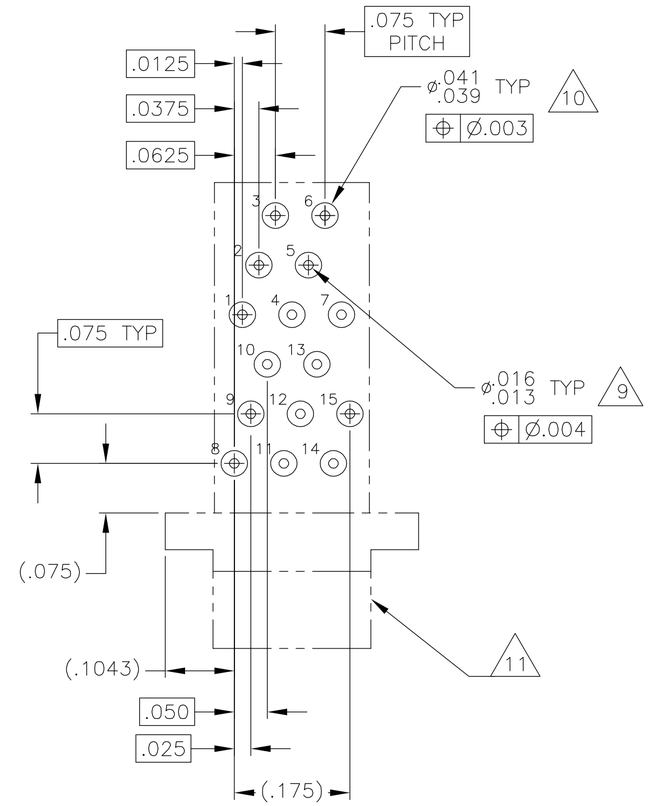
37 POSITION



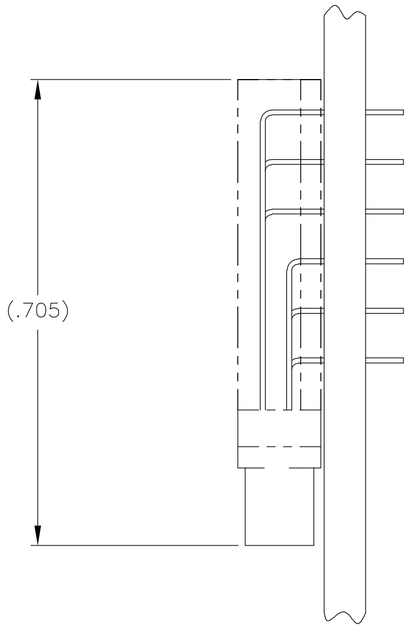
51 POSITION



65 POSITION



TYPICAL PCB LAYOUT 8.
SIZE 17 SHOWN FOR REFERENCE



8. POSITIONAL TOLERANCES FOR BASIC DIMENSIONED FEATURES ARE RELATIVE TO FIDUCIALS OR SOME SIMILAR DATUM REFERENCES DEFINED BY PCB DESIGNER.
9. PLATED THRU HOLES.
10. SOLDER PADS.
11. CONNECTOR ORIENTATION
12. ALL THROUGH HOLE LAYOUTS ARE AS VIEWED FROM TOP OF PCB.

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0 PLC ± –
1 PLC ± –
2 PLC ± –
3 PLC ± –
4 PLC ± –
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NAME
PLUG ASSEMBLY, HORIZONTAL MOUNT,
THROUGH HOLE, 2 TO 6 ROW,
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CUSTOMER DRAWING | SCALE 6:1 | SHEET 2 OF 2 | REV D

1589492

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Authorized Distributor

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TE Connectivity:

1589492-5