

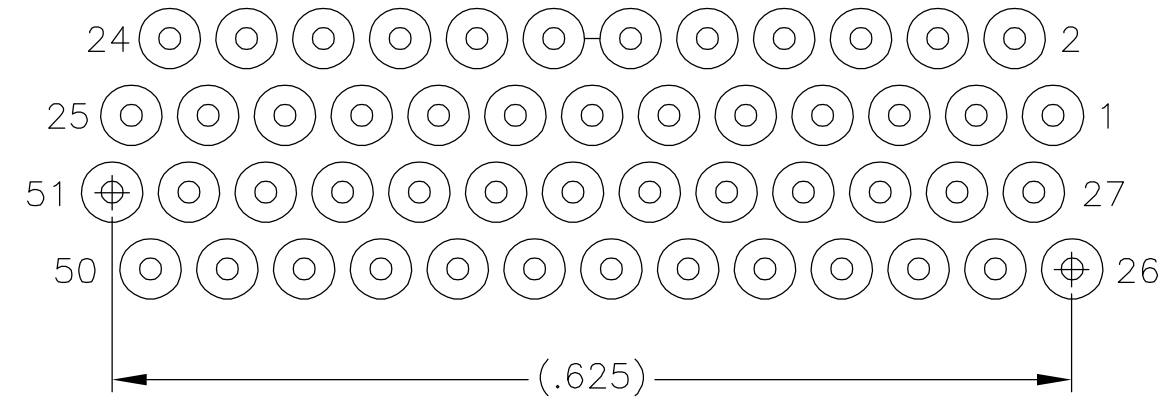


SIZE	B DIM	C DIM ±.0050	(L DIM)
09	.229	.3085	(.100)
15	.304	.3835	(.175)
25	.429	.5085	(.300)
37	.579	.6585	(.450)
51	.754	.8335	(.625)
65	.929	1.0085	(.800)

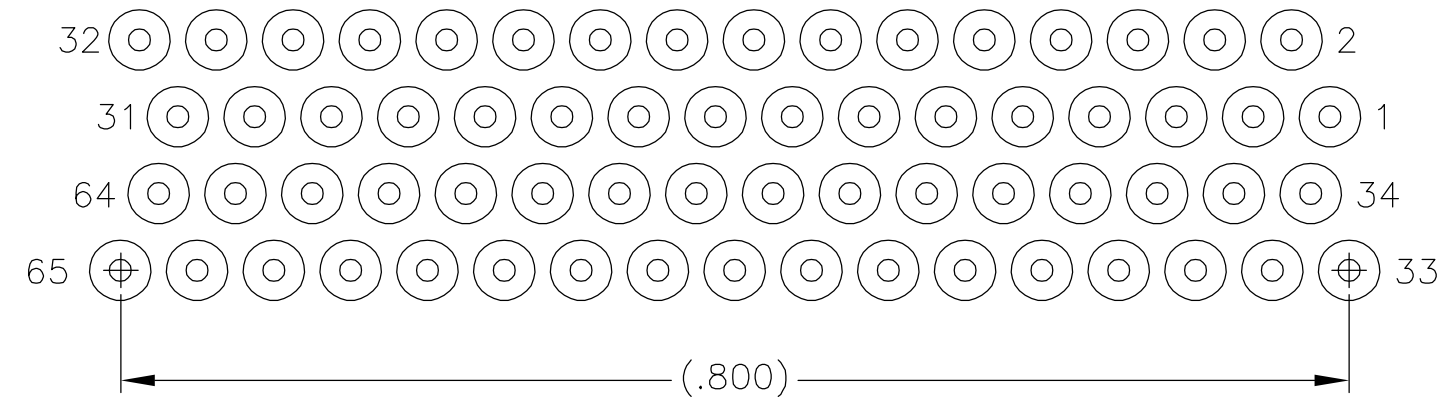
1. SHELL OPTIONS (TO BE SPECIFIED IN NANONICS PART NUMBER):  
 METAL: 6061-T6 ALUMINUM, ELECTROLESS NICKEL PLATED PER SAE-AMS-C-26074 (STANDARD) OR GOLD PLATED PER ASTM B488  
 303 STAINLESS STEEL, PASSIVATED PER SAE-AMS-2700  
 INSULATOR MATERIAL FOR ALL METAL SHELLS IS LIQUID CRYSTAL POLYMER (LCP) 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. LEADS ARE 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. TERMINATION CODE: W6
  8. THIS DRAWING PREVIOUSLY IDENTIFIED AS NANONICS N10138/260

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN C. SCHOLL 5 AUG 03		 Tyco Electronics Corporation Harrisburg, PA 17105			
		CHK M. STORRY 5 AUG 03					
DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME RECEPTACLE ASSEMBLY, HORIZONTAL MOUNT, THROUGH HOLE, 2 TO 4 ROW, .050 SPACING, GOLD PLATED LEADS, PLASTIC OR METAL			
		0 PLC ± — 1 PLC ± — 2 PLC ± .010 3 PLC ± .005 4 PLC ± — ANGLES ± ± 1					
MATERIAL		FINISH				SIZE A2	
SEE NOTES		SEE NOTES				CAGE CODE 0PJN9	
		WEIGHT —		DRAWING NO C-1589809			
		CUSTOMER DRAWING		RESTRICTED TO —			
				SCALE 8:1 SHEET 1 of 2 REV C			

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

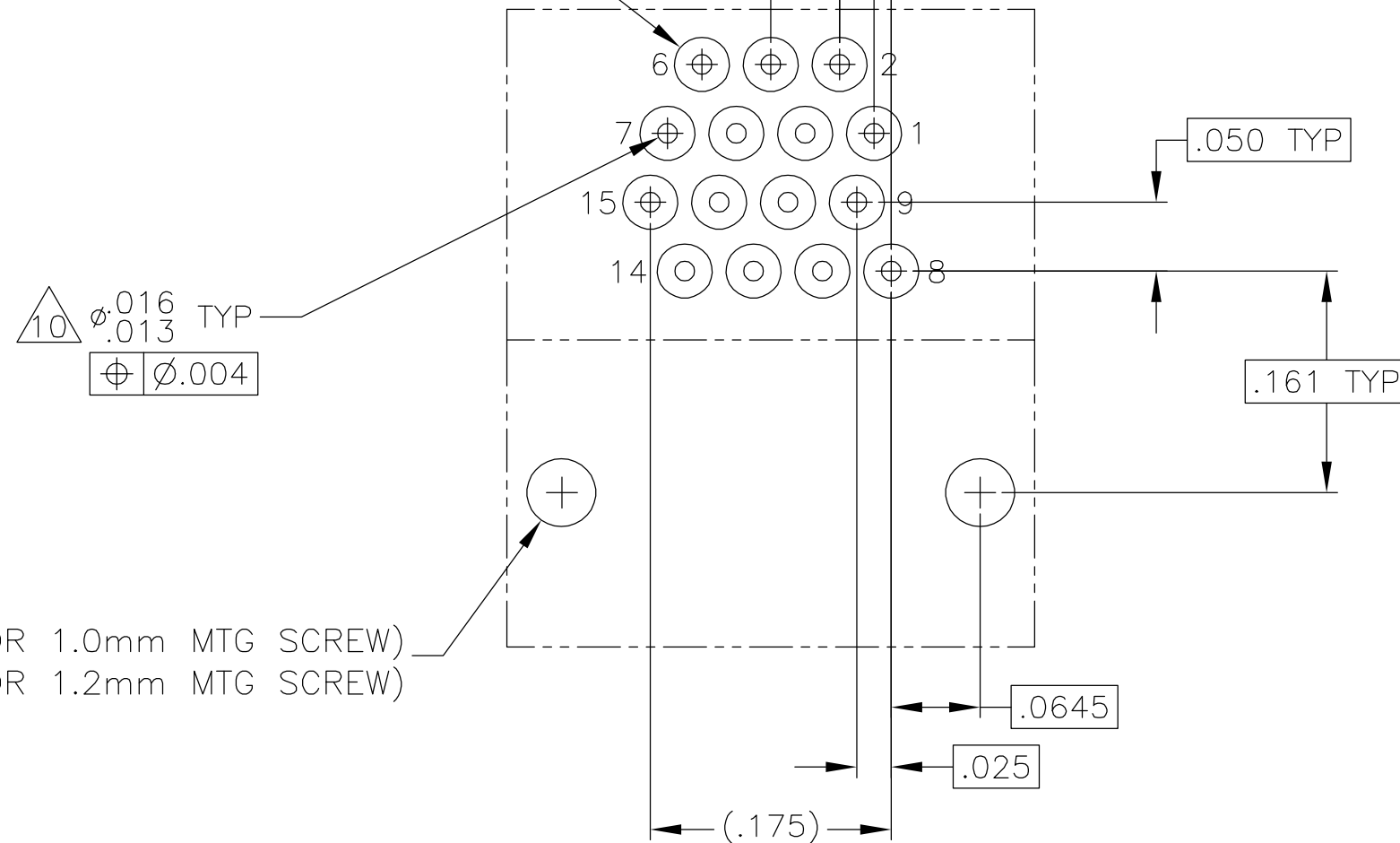


51 POSITION

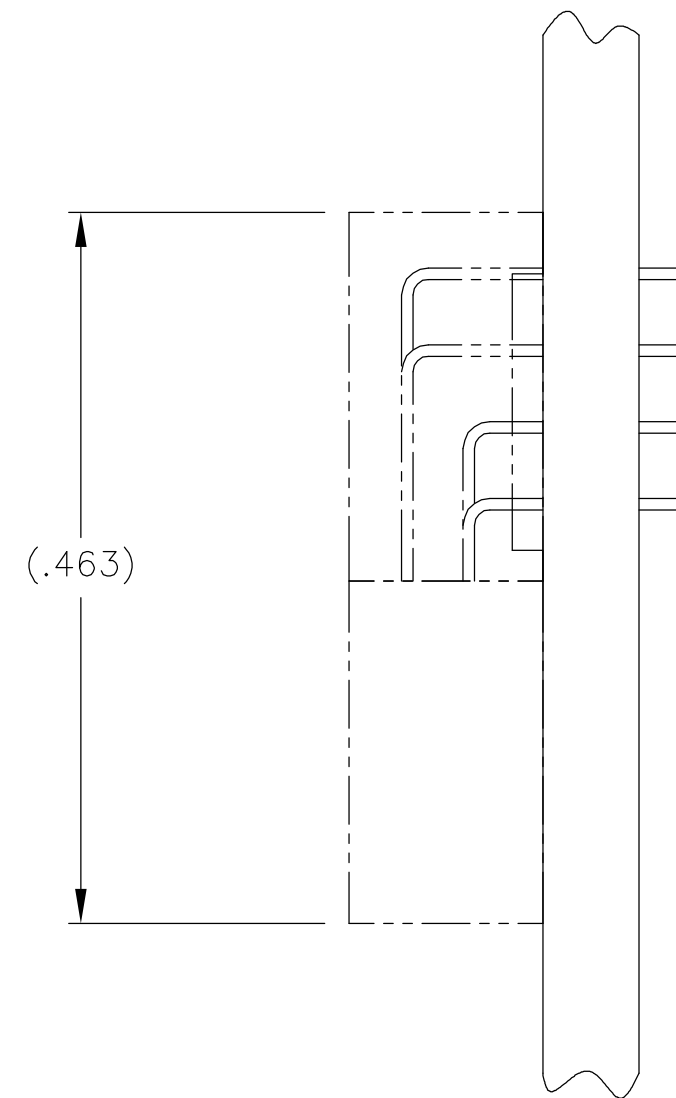


Technical drawing of a shaft with the following dimensions and tolerances:

- Overall length: 1.500
- Step 1: .050 TYP PITCH
- Step 2: .0375
- Step 3: .0125
- Step 4: .005
- Step 5: .002
- Step 6: .001
- Step 7: .0005
- Step 8: .0002
- Step 9: .0001
- Step 10: .00005
- Step 11: .00002
- Step 12: .00001
- Step 13: .000005
- Step 14: .000002
- Step 15: .000001
- Step 16: .0000005
- Step 17: .0000002
- Step 18: .0000001
- Step 19: .00000005
- Step 20: .00000002
- Step 21: .00000001
- Step 22: .000000005
- Step 23: .000000002
- Step 24: .000000001
- Step 25: .0000000005
- Step 26: .0000000002
- Step 27: .0000000001
- Step 28: .00000000005
- Step 29: .00000000002
- Step 30: .00000000001
- Step 31: .000000000005
- Step 32: .000000000002
- Step 33: .000000000001
- Step 34: .0000000000005
- Step 35: .0000000000002
- Step 36: .0000000000001
- Step 37: .00000000000005
- Step 38: .00000000000002
- Step 39: .00000000000001
- Step 40: .000000000000005
- Step 41: .000000000000002
- Step 42: .000000000000001
- Step 43: .0000000000000005
- Step 44: .0000000000000002
- Step 45: .0000000000000001
- Step 46: .00000000000000005
- Step 47: .00000000000000002
- Step 48: .00000000000000001
- Step 49: .000000000000000005
- Step 50: .000000000000000002
- Step 51: .000000000000000001
- Step 52: .0000000000000000005
- Step 53: .0000000000000000002
- Step 54: .0000000000000000001
- Step 55: .00000000000000000005
- Step 56: .00000000000000000002
- Step 57: .00000000000000000001
- Step 58: .000000000000000000005
- Step 59: .000000000000000000002
- Step 60: .000000000000000000001
- Step 61: .0000000000000000000005
- Step 62: .0000000000000000000002
- Step 63: .0000000000000000000001
- Step 64: .00000000000000000000005
- Step 65: .00000000000000000000002
- Step 66: .00000000000000000000001
- Step 67: .000000000000000000000005
- Step 68: .000000000000000000000002
- Step 69: .000000000000000000000001
- Step 70: .0000000000000000000000005
- Step 71: .0000000000000000000000002
- Step 72: .0000000000000000000000001
- Step 73: .00000000000000000000000005
- Step 74: .00000000000000000000000002
- Step 75: .00000000000000000000000001
- Step 76: .000000000000000000000000005
- Step 77: .000000000000000000000000002
- Step 78: .000000000000000000000000001
- Step 79: .0000000000000000000000000005
- Step 80: .0000000000000000000000000002
- Step 81: .0000000000000000000000000001
- Step 82: .00000000000000000000000000005
- Step 83: .00000000000000000000000000002
- Step 84: .00000000000000000000000000001
- Step 85: .000000000000000000000000000005
- Step 86: .000000000000000000000000000002
- Step 87: .000000000000000000000000000001
- Step 88: .0000000000000000000000000000005
- Step 89: .0000000000000000000000000000002
- Step 90: .0000000000000000000000000000001
- Step 91: .00000000000000000000000000000005
- Step 92: .00000000000000000000000000000002
- Step 93: .00000000000000000000000000000001
- Step 94: .000000000000000000000000000000005
- Step 95: .000000000000000000000000000000002
- Step 96: .000000000000000000000000000000001
- Step 97: .0000000000000000000000000000000005
- Step 98: .0000000000000000000000000000000002
- Step 99: .0000000000000000000000000000000001
- Step 100: .00000000000000000000000000000000005
- Step 101: .00000000000000000000000000000000002
- Step 102: .00000000000000000000000000000000001
- Step 103: .000000000000000000000000000000000005
- Step 104: .000000000000000000000000000000000002
- Step 105: .000000000000000000000000000000000001
- Step 106: .0000000000000000000000000000000000005
- Step 107: .0000000000000000000000000000000000002
- Step 108: .0000000000000000000000000000000000001
- Step 109: .00000000000000000000000000000000000005
- Step 110: .00000000000000000000000000000000000002
- Step 111: .00000000000000000000000000000000000001
- Step 112: .000000000000000000000000000000000000005
- Step 113: .000000000000000000000000000000000000002
- Step 114: .000000000000000000000000000000000000001
- Step 115: .0000000000000000000000000000000000000005
- Step 116: .0000000000000000000000000000000000000002
- Step 117: .0000000000000000000000000000000000000001
- Step 118: .005
- Step 119: .002
- Step 120: .001
- 




TYPICAL PCB LAYOUT   
SIZE 15 SHOWN FOR REFERENCE





1589809

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

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MATERIAL		FINISH		SIZE	RESTRICTED TO
SEE NOTES		SEE NOTES		CAGE CODE A2 OPJN9	DRAWING NO C=1589809
		WEIGHT —		SCALE 8:1	SHEET 2 of 2
CUSTOMER DRAWING				REV C	

# Mouser Electronics

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