



RECOMMENDED MOUNTING HOLE PATTERN  
 FOR .063 THICK P.C. BOARD

- ▲ POST TO WITHSTAND 13 NEWTONS (3 LBS) MIN. AXIAL FORCE IN BOTH DIRECTIONS SHOWN WITHOUT DELSOILING.
- ▲ TOLERANCES APPLY TO SOLDER SIDE OF BOARD.
- ▲ MEASURED AT SURFACE -A-
- ▲ PLASTIC FLASH PERMITTED IN THIS AREA.
- 5 PARTS COMPLY WITH AMP SOLDERABILITY SPEC. NO. 109-11-2.
- ▲ ONE HOLE MAY BE UNDERZINDED (R.030-.035) FOR ASSEMBLY RETENTION DURING WAVE SOLDERING.
- ▲ MATERIAL: HEADER-THERMOPLASTIC POLYESTER (LAW-50/NATURAL) POST-COPPER ALLOY (TN-PLATED)
- ▲ COORDINATE (DIMENSION APPLIES FROM CENTER OF ACTUAL FEATURE).
- 9 PLASTIC BURRS CAUSED BY CUT-OFF TOOLING ARE PERMITTED WITHIN THE MAXIMUM TOLERANCE ENVELOPE.
- ▲ POSTS TO BE MEASURED WHEN STRIP IS HOLD FLAT.
- ▲ POSTS MUST WITHSTAND TWO 90° BENDS AGAINST EXTRUSION WITHOUT BREAKING.
- ▲ DIMENSION SHOULD BE .130 MIN WHEN MATING WITH A NTA 100 CONNECTOR ASSEMBLY OR A CST 100 CONNECTOR.
- ▲ FIN BURR OF .005 MAX. VERTICAL AND .003 MAX. HORIZONTAL PERMITTED AT POST TIPS ON BOTH ENDS.

		1.000	25.40
.035	0.89	3.35	3.59
.032	0.81	3.19	7.87
.025	0.64	2.95	7.49
.020	0.51	2.25	5.72
.015	0.39	1.40	3.55
.010	0.25	1.30	3.30
.008	0.20	1.25	3.15
.006	0.13	1.00	2.54
.003	0.08	0.83	1.80
.001	0.03	0.50	1.27
.000	0.00	0.40	1.02
IN	MM	IN	MM

CONVERSION TABLE

2.800	71.12	28	2-640456-8
2.720	69.58	27	2-640456-7
2.600	66.04	26	2-640456-6
2.520	63.50	25	2-640456-5
2.420	60.96	24	2-640456-4
2.320	58.42	23	2-640456-3
2.220	55.88	22	2-640456-2
2.100	53.34	21	2-640456-1
2.020	50.80	20	2-640456-0
1.900	48.26	19	1-640456-0
1.800	45.72	18	1-640456-8
1.700	43.18	17	1-640456-7
1.600	40.64	16	1-640456-6
1.500	38.10	15	1-640456-5
1.400	35.56	14	1-640456-4
1.300	33.02	13	1-640456-3
1.200	30.48	12	1-640456-2
1.100	27.94	11	1-640456-1
1.000	25.40	10	1-640456-0
.900	22.86	9	640456-9
.800	20.32	8	640456-8
.700	17.78	7	640456-7
.600	15.24	6	640456-6
.500	12.70	5	640456-5
.400	10.16	4	640456-4
.300	7.62	3	640456-3
.200	5.08	2	640456-2
IN	MM	NO OF POSITIONS	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT

DATE: 10/15/88

DESIGNED BY: J. J. HARRIS

CHECKED BY: J. J. HARRIS

APPROVED BY: J. J. HARRIS

STANDARD: MIL-STD-883C

QTY: 1000

REV: A

DATE: 10/15/88

NO. OF POSITIONS: 10

PART NUMBER: 640456