



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

- 1. POST TO WITHSTAND 13 NEWTONS (3 LBS) MIN. AXIAL FORCE IN BOTH DIRECTIONS SHOWN WITHOUT DISLODGING.
- 2. TOLERANCES APPLY TO SOLDER SIDE OF BOARD.
- 3. MEASURED AT SURFACE $\overline{A-A}$
- 4. PLASTIC FLASH PERMITTED IN THIS AREA.
- 5. PARTS COMPLY WITH AMP SOLDERABILITY SPEC. NO. 109-11-2.
- 6. ONE HOLE MAY BE UNDERSIZED (.032-.035 DIA) FOR ASSEMBLY RETENTION DURING WAVE SOLDERING.
- 7. MATERIAL: HEADER-THERMOPLASTIC POLYESTER
UL94V-0(NATURAL)
POST-COPPER ALLOY (TIN-PLATED)
- 8. COORDINATE DIMENSION APPLIES FROM CENTER OF ACTUAL FEATURE.
- 9. PLASTIC BURRS CAUSED BY CUT-OFF TOOLING ARE PERMITTED WITHIN THE MAXIMUM TOLERANCE ENVELOPE.
- 10. POSTS TO BE MEASURED WHEN STRIP IS HELD FLAT.
- 11. POSTS MUSTS WITHSTAND TWO 90° BENDS AGAINST EXTRUSION WITHOUT BREAKING.
- 12. DIMENSION SHOULD BE .130 MIN WHEN MATING WITH A MTA 100 CONNECTOR ASSEMBLY OR A CST 100 CONNECTOR.
- 13. PIN BURR OF .005 MAX. VERTICAL AND .003 MAX. HORIZONTAL PERMITTED AT POST TIPS ON BOTH ENDS.

.040	1.02	.535	13.59
.035	0.89	.500	12.70
.032	0.81	.310	7.87
.025	0.64	.295	7.49
.020	0.51	.225	5.72
.015	0.38	.200	5.08
.010	0.25	.140	3.56
.008	0.20	.130	3.30
.005	0.13	.125	3.18
.003	0.08	.100	2.54
.001	0.03	.063	1.60
.000	0.00	.050	1.27
IN	MM	IN	MM

CONVERSION TABLE

643140-2 SHOWN

OBSOLETE	2 & 4	-643140-7
	3	643140-6
	2	643140-3
	4	643140-2
	5	643140-1
POST NUMBER OMITTED	PART NUMBER	

THIS DRAWING IS A CONTROLLED DOCUMENT.		DIN L. SMITH 3-30-93	TE Connectivity
DIMENSIONS: INCHES		CHK R. SWING 3-30-93	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APP'D R. SPEER 4-15-93	NAME
0. PLC ± -	1. PLC ± -	PRODUCT SPEC	MTA-100 HEADER ASSEMBLY, FRICTION LOCK, NOTCHED, .025 SQUARE STRAIGHT POST, TIN PLATED,
2. PLC ± -	3. PLC ± .005	APPLICATION SPEC	SIZE
4. PLC ± -	ANGLES ± -	WEIGHT	SCALE
MATERIAL	FINISH	CUSTOMER DRAWING	RESTRICTED TO
		A1 00779 643140	1 OF 1