



- 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 -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 MUST WITHSTAND TWO 90° BENDS AGAINST EXTRUSION WITHOUT BREAKING.
- 12 DIMENSION SHOULD BE .130 MIN WHEN MATING WITH A MTA 100 CONNECTOR ASSEMBLY OR CST 100 CONNECTOR.
- 13 PIN BURR OF .005 MAX. VERTICAL AND .003 MAX. HORIZONTAL PERMITTED AT POST TIPS ON BOTH ENDS.

IN	MM	IN	MM
.040	1.02		
.035	0.89	.900	22.86
.032	0.81	.535	13.59
.025	0.64	.310	7.87
.020	0.51	.295	7.49
.015	0.38	.225	5.72
.010	0.25	.200	5.08
.009	0.23	.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

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

643265-2 SHOWN

	8	643265-9
OBsolete	2,4,6,8	643265-8
	6	643265-7
	4	643265-5
	2	643265-4
OBsolete	3	643265-3
	7	643265-2
	POST NUMBER OMITTED	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DIN L. SMITH 30MAR93	TE Connectivity
DIMENSIONS: INCHES		CHK: R. SWING 30MAR93	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APP'D: R. SPEER 15APR93	NAME: MTA-100 HEADER ASSEMBLY, FRICTION LOCK, NOTCHED, .025 SQUARE STRAIGHT POST, TIN PLATED, 9 POSITION, OMITTED POST
0. PLC ± -		PRODUCT SPEC	APPLICATION SPEC
1. PLC ± -		SIZE: A1	CAGE CODE: 00779
2. PLC ± -		WEIGHT: -	DRAWING NO: 643265
3. PLC ± .005		CUSTOMER DRAWING	SCALE: 8:1
4. PLC ± -			SHEET: 1 OF 1
ANGLES ± ± 0°30'			REV: W2