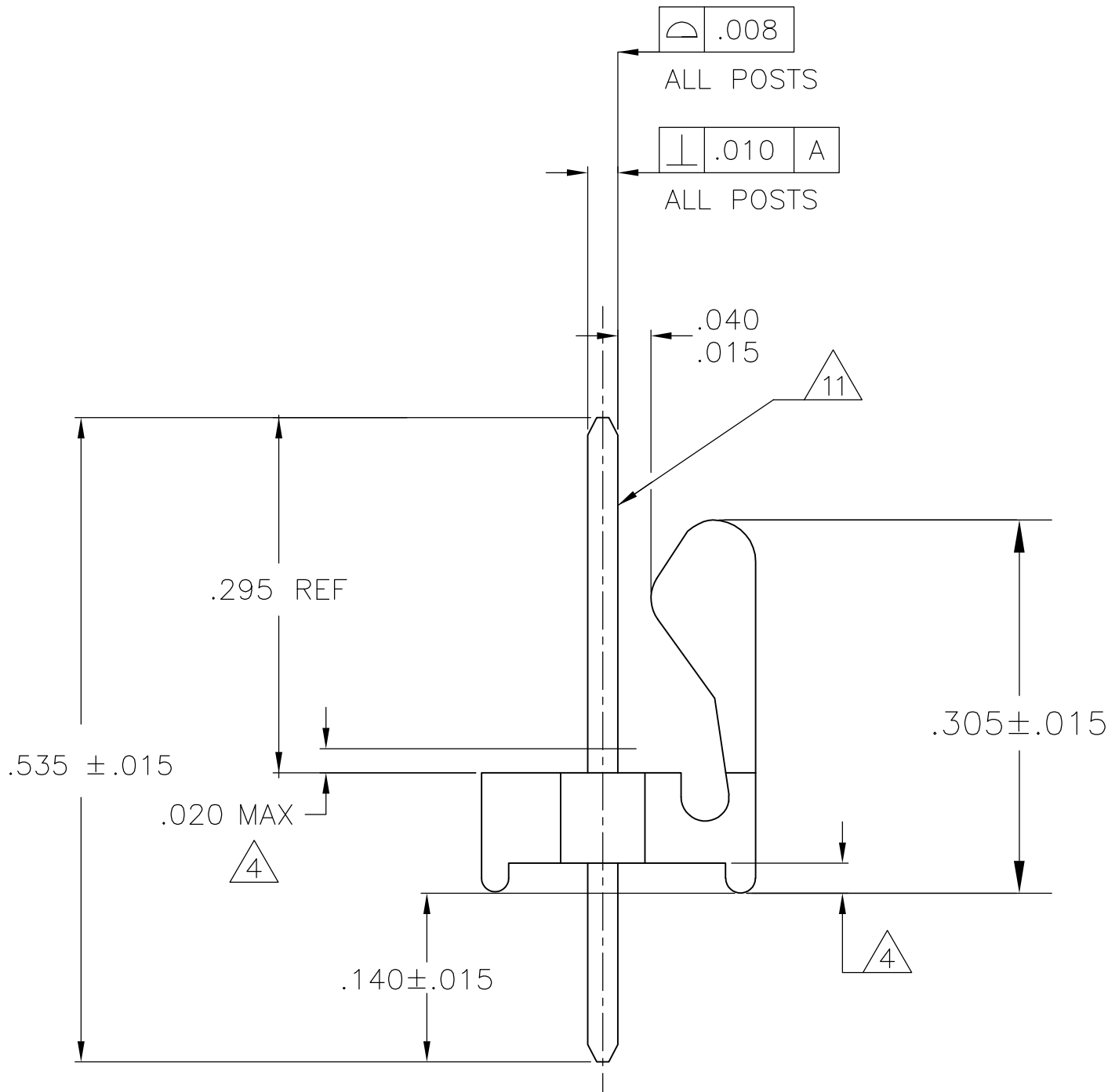
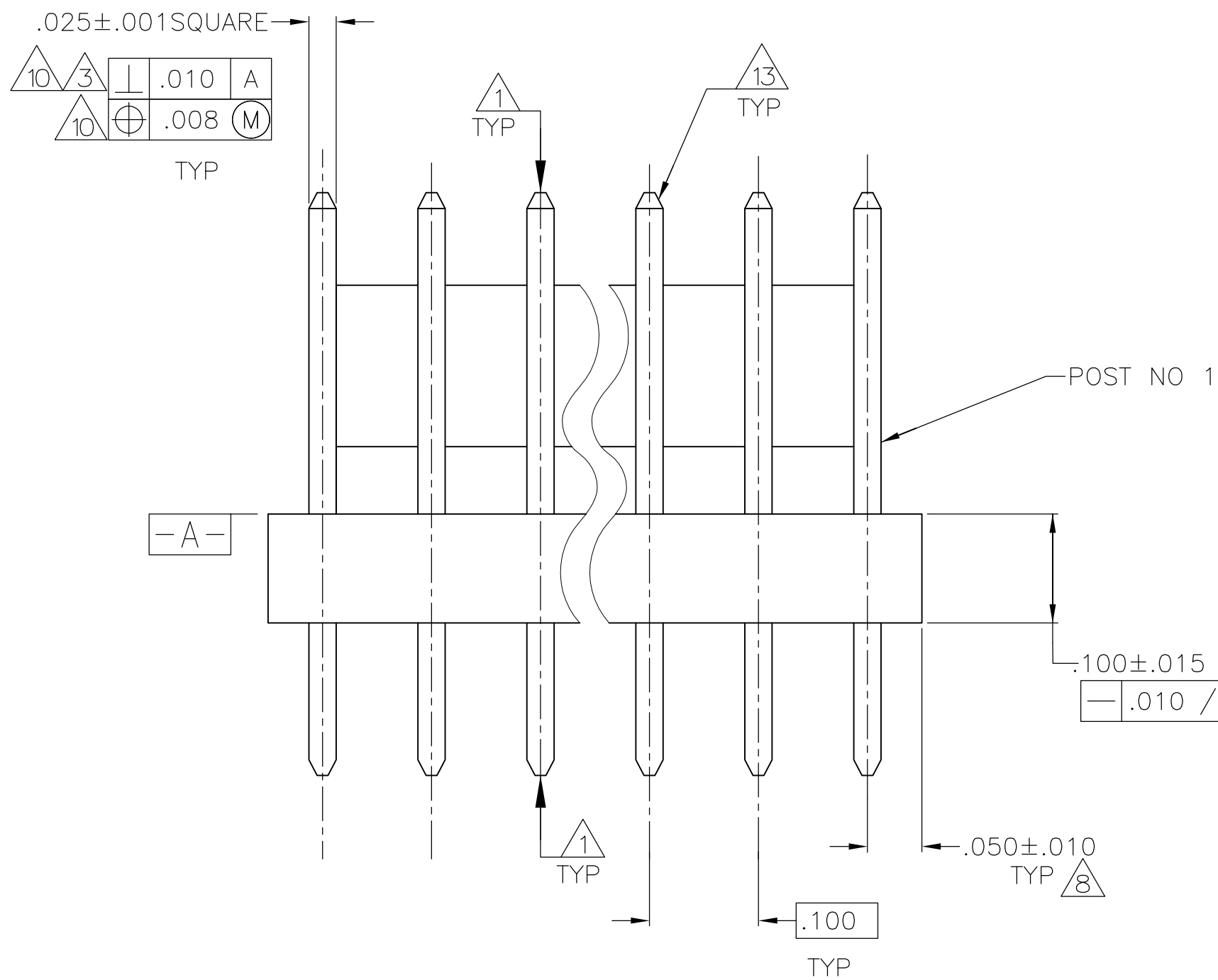
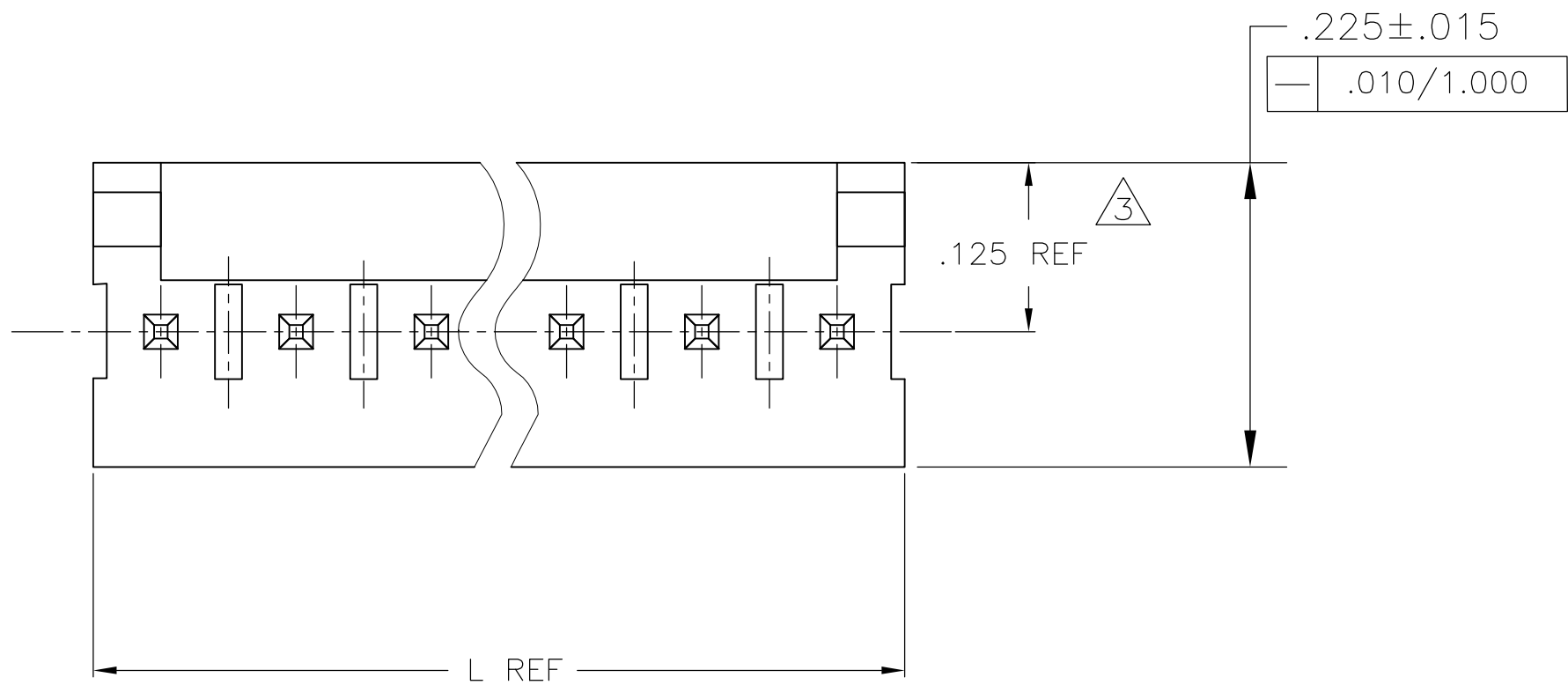
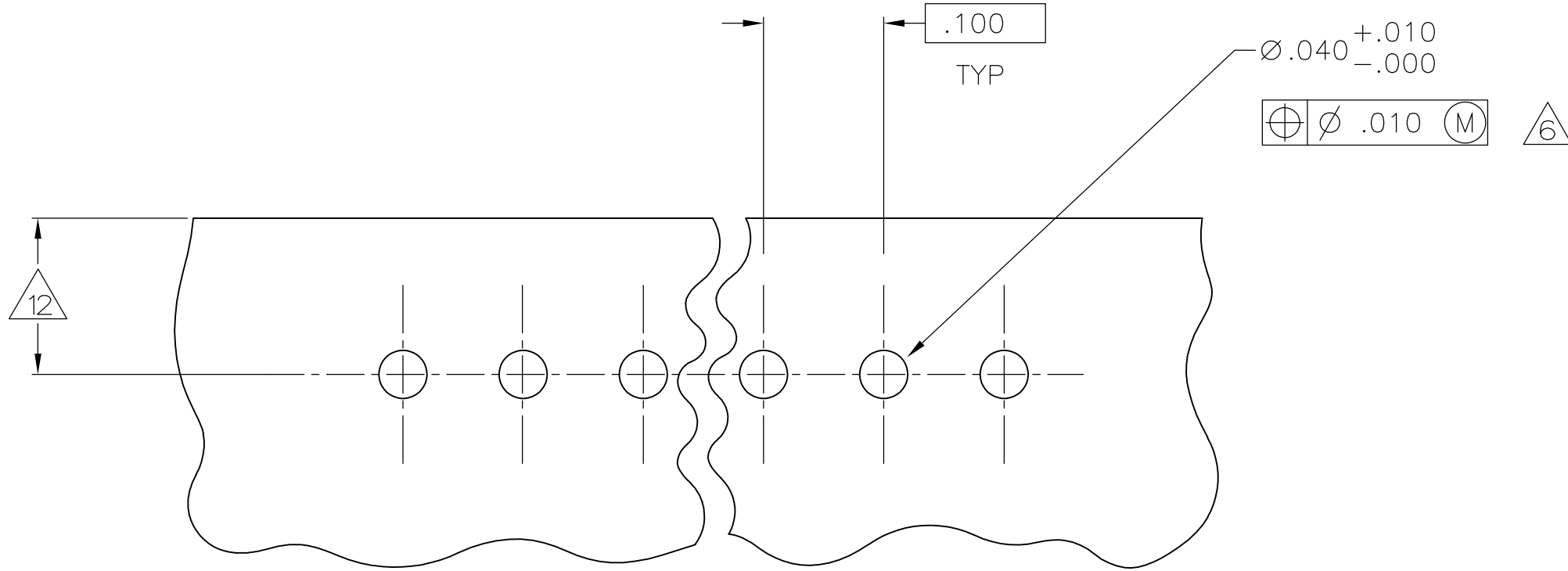


REVISIONS					
P	LTR	DESCRIPTION		DATE	DWN APVD
	A2	REVISED	PER ECR-15-014064	03MAR2016	NK NL



- 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 (MATTE TIN-PLATED-WHISKER MITIGATED)
- 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. POSTS MUSTS WITHSTAND TWO 90° BENDS AGAINST EXTRUSION WITHOUT BREAKING.
- 11 DIMENSION SHOULD BE .130 MIN WHEN MATING WITH A MTA 100 CONNECTOR ASSEMBLY OR A CST 100 CONNECTOR.
- 12 PIN BURR OF .005 MAX. VERTICAL AND .003 MAX. HORIZONTAL PERMITTED AT POST TIPS ON BOTH ENDS.



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

		1.000	25.40
.035	0.89	.535	13.59
.032	0.81	.310	7.87
.025	0.64	.295	7.49
.020	0.51	.225	5.72
.015	0.38	.140	3.56
.010	0.25	.130	3.30
.008	0.20	.125	3.18
.005	0.13	.100	2.54
.003	0.08	.063	1.60
.001	0.03	.050	1.27
.000	0.00	.040	1.02
IN	MM	IN	MM

CONVERSION TABLE

1.800	45.72	18	1-1744214-8
1.600	40.64	16	1-1744214-6
1.400	35.56	14	1-1744214-4
1.200	30.48	12	1-1744214-2
.800	20.32	8	1744214-8
.600	15.24	6	1744214-6
.300	7.62	3	1744214-3
.200	5.08	2	1744214-2
IN	MM	NO OF POSITIONS	PART NUMBER
L			

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN K. WHITAKER CHK D. BOSSI APVD D. BOSSI	15FEB2006 15FEB2006 15FEB2006	TE Connectivity	
DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME	
0 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± .005 4 PLC ± - ± 0°30'		PRODUCT SPEC		MTA-100 HDR ASSY, FRICTION LOCK, NOTCHED, .025 SQUARE STRAIGHT POST, TIN PLATED	
MATERIAL		FINISH		SIZE A1	
7		7		100779	
CUSTOMER DRAWING		SCALE 8:1		SHEET 1 OF 1	