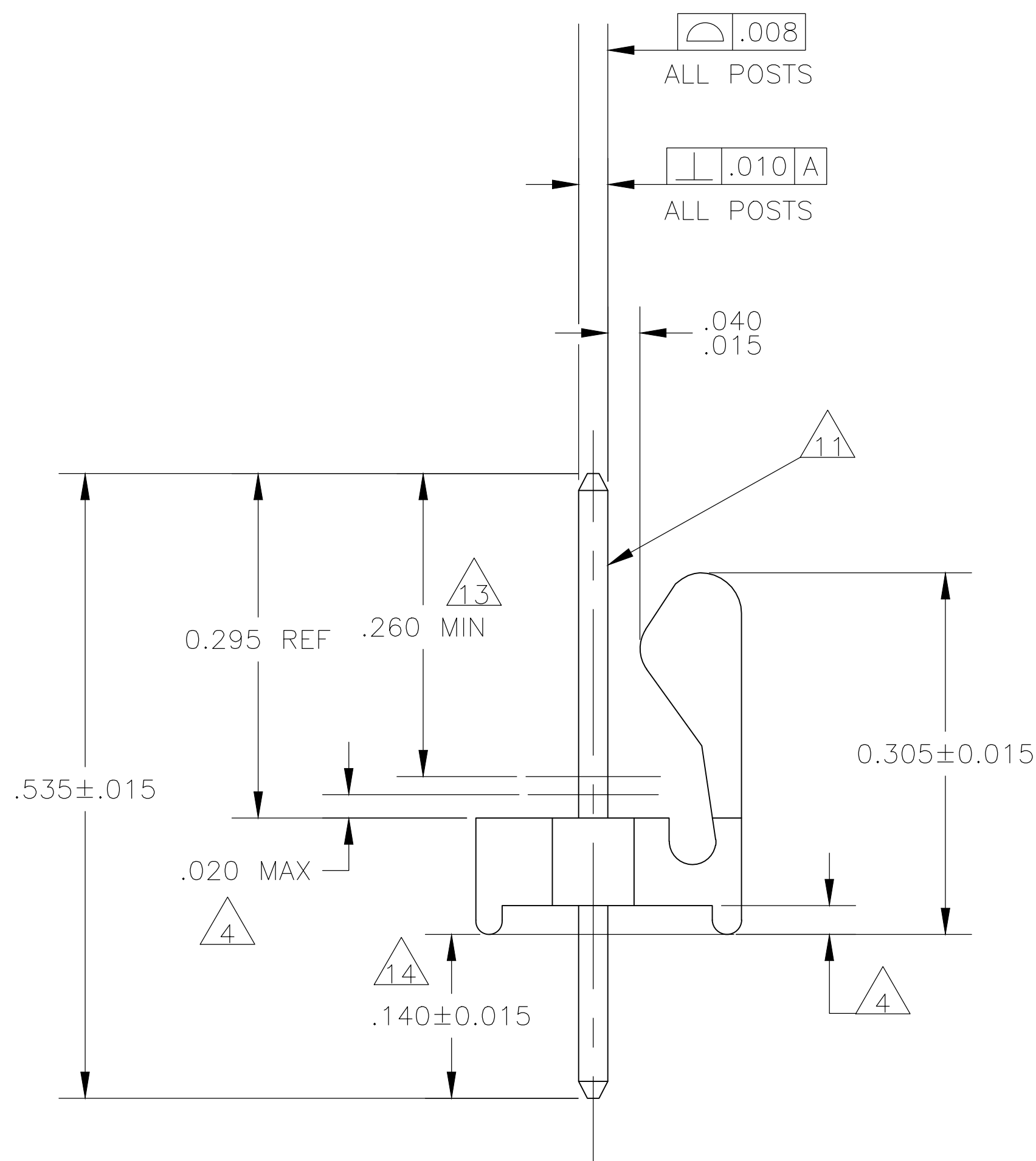




643787-3 SHOWN

	TIN	2	3-643787-3
		4	3-643787-1
	TIN	2	643787-3
1	TIN-LEAD	4	-643787-1-
	FINISH	POST NUMBER OMITTED	PART NUMBER

15 SUPERSEDED BY 3-643787-1

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN B. VISWESWARA 08JULY2005 CHK D. BOSSI 08JULY2005	 TE Connectivity	
DIMENSIONS: mm [INCHES]	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD D. BOSSI 08JULY2005 PRODUCT SPEC — APPLICATION SPEC —	NAME MTA-100 HEADER ASSEMBLY, FRICTION LOCK, NOTCHED, .025 SQUARE STRAIGHT POST, .00030 GOLD PLATED, 5 POSITION, OMITTED POST	
	0 PLG ± — 1 PLG ± — 2 PLG ± — 3 PLG ± — 14 PLG ± — ANGLES ± ± —	WEIGHT —	SIZE A1	CAD CODE 00779
MATERIAL 	FINISH 	CUSTOMER DRAWING	DRAWING NO C643787	RESTRICTED TO —
			SCALE 10:1	SHEET 1 of 1
			REV M	

- 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 
- 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 (SEE NOTES
13 & 14 FOR PLATING)
- 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 GOLD PLATE AREA, .000030 OR .000030 TOTAL GOLD FLASH OVER PALLADIUM NICKEL, PER TE CONNECTIVITY'S DISCRETION, ALL SIDES AND ENTIRE LENGTH OF POST.
- (M) 14 MATTE TIN PLATE AREA, .000150-.000350" THICK, ALL FOUR SIDES, .140 MIN. SEE FINISH COLUMN IN THE TABLE FOR PLATING TYPE.
- 15 OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINIS