



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



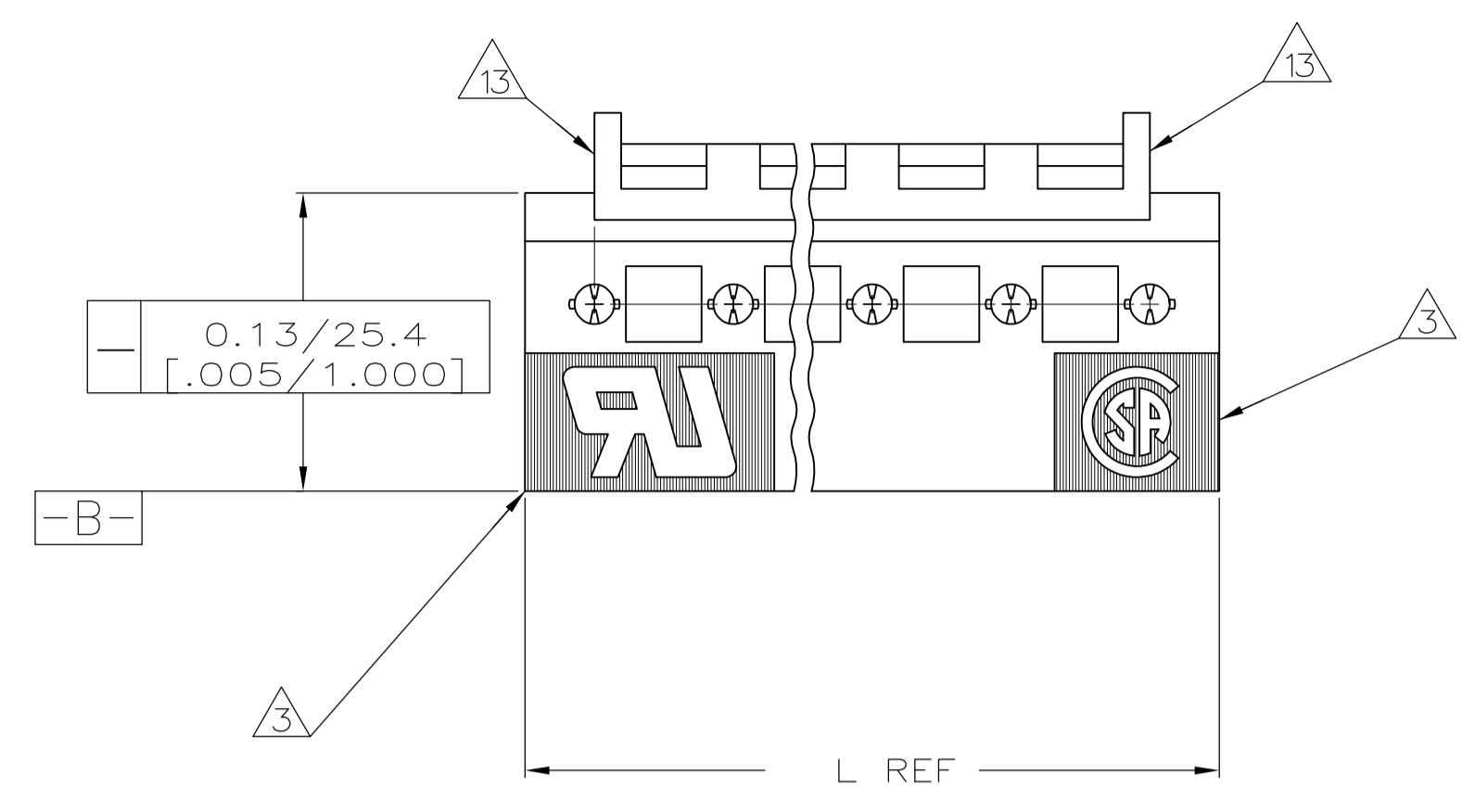
Contact us

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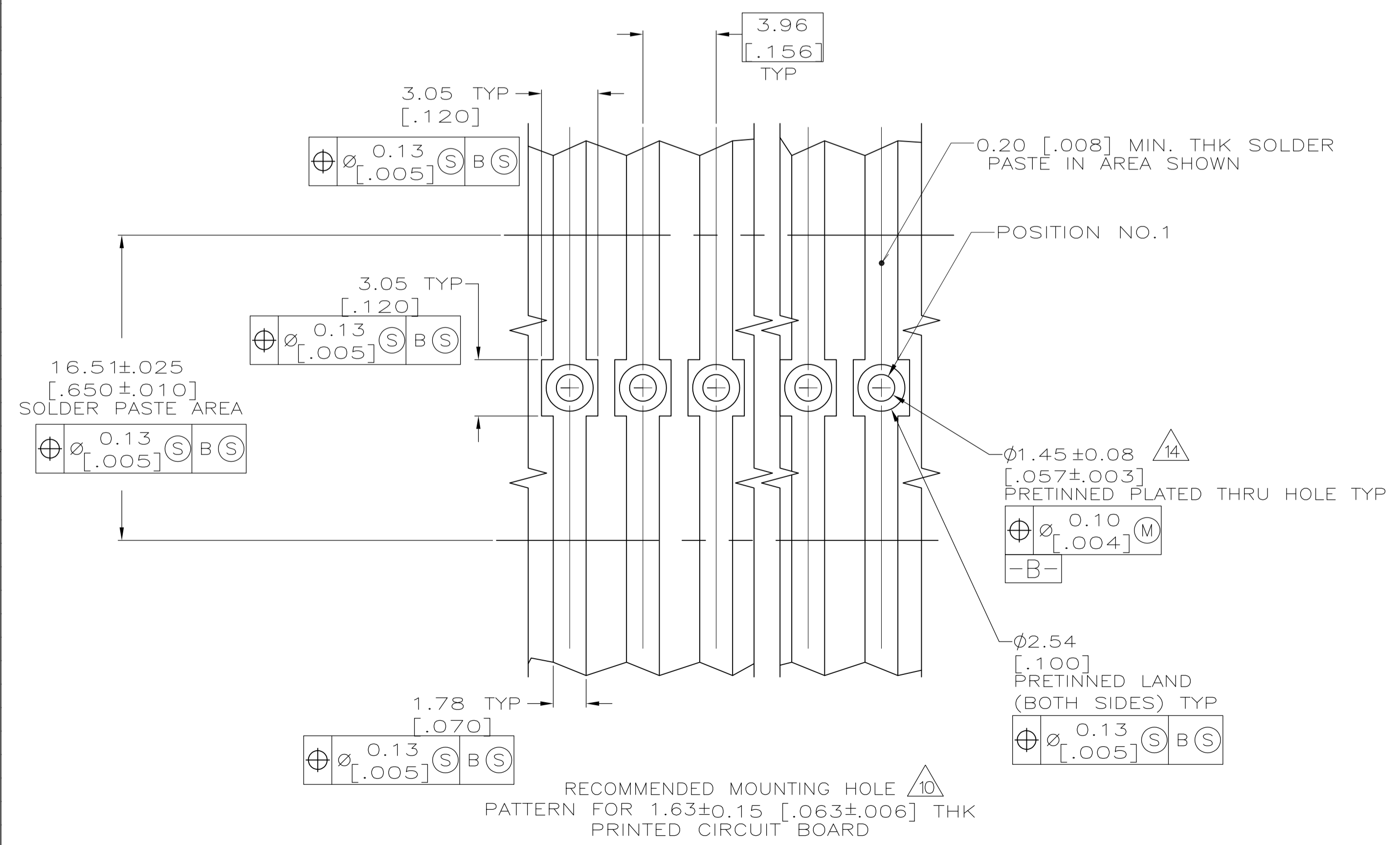
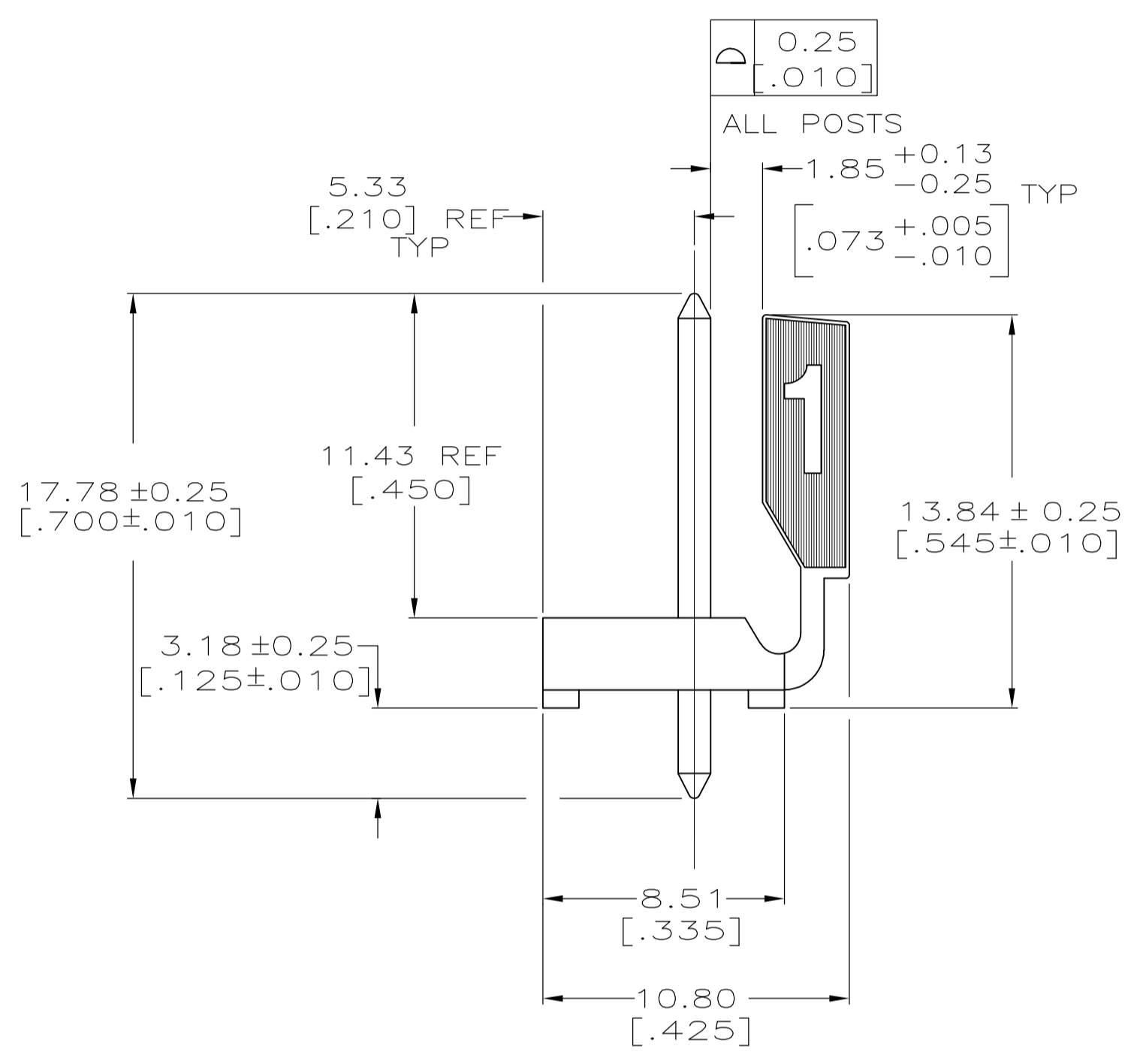
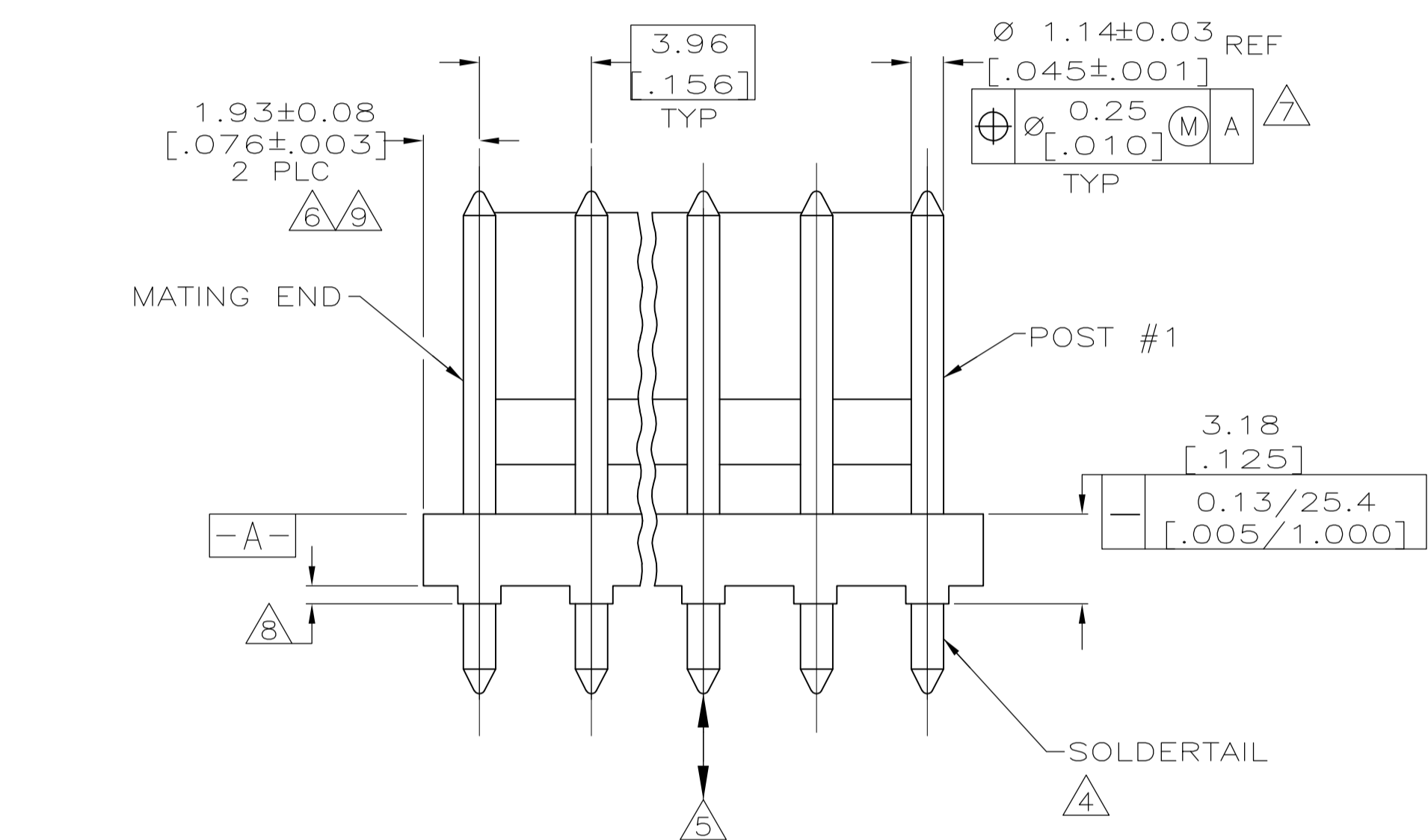
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- 1 MATERIAL
HOUSING: POLYAMIDE NYLON,UL94V-0.
POST: COPPER ALLOY
- 2 FINISH
HOUSING: BLACK
POST: BRIGHT TIN-LEAD (93/7) PLATE, FOR -2 THRU -12 OR MATTE TIN FOR -32 THRU -42 0.00380-0.00880[.000150-.000350] THK OVER NICKEL UNDERPLATE,0.00130[.000050] MIN THK.
- 3 UL MARKING MAY NOT APPEAR ON THE 2 OR 3 POSITION SIZES. CSA MARKING MAY NOT APPEAR ON THE 2 POSITION SIZE.
- 4 POST SOLDERDETAILS COMPLY WITH AMP SOLDERABILITY SPEC 109-11-2.
- 5 POST WITHSTANDS 13.34N [3 LB] MIN AXIAL FORCE IN EITHER DIRECTION WITHOUT DISLODGING.
- 6 APPLIES AT -A-.
- 7 APPLIES WHEN THE HEADER IS STRAIGHT.
- 8 PLASTIC PROJECTIONS PERMITTED IN THIS ZONE.
- 9 COORDINATE DIMENSIONS APPLIES FROM THE CENTER OF THE ACTUAL FEATURE.
- 10 DIMENSION APPLY TO COMPONENT SIDE OF BOARD UNLESS OTHERWISE NOTED.
- 11 DIMENSIONS IN BRACKETS ARE IN INCHES.
- 12 ALL POSITION SIZES HAVE THE BACKWALL NOTCHED ON BOTH ENDS AS SHOWN. THE 2 THRU 5 POSITION SIZES HAVE SOLID BACKWALLS. POSITION SIZES 6 AND ABOVE HAVE AN INTERRUPTED BACKWALL AT VARIOUS LOCATIONS (SEE TABLE FOR INTERRUPTION(S) LOCATIONS).
- 13 EDGE OF POLARIZING LOCK WALL TO BE IN LINE WITH CENTERLINE OF ADJACENT POST WITHIN ±0.13 [.005].
- 14 ONE HOLE MAY BE UNDERSIZED (1.17-1.3 [.046-.051]) FOR BOARD RETENTION.
- 15 MAXIMUM TEMPERATURE EXPOSURE DURING REFLOW SOLDERING NOT TO EXCEED 280° C (536° F).
- 16 OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI



4&5, 8&9	47.42 [1.867]	12	4-647648-2
4&5, 7&8	43.46 [1.711]	11	4-647648-1
3&4, 7&8	39.50 [1.555]	10	4-647648-0
3&4, 6&7	35.53 [1.399]	9	3-647648-9
4&5	31.57 [1.243]	8	3-647648-8
4&5	27.61 [1.087]	7	3-647648-7
3&4	23.65 [.931]	6	3-647648-6
NONE	19.69 [.775]	5	3-647648-5
NONE	15.72 [.619]	4	3-647648-4
NONE	11.76 [.463]	3	3-647648-3
NONE	7.80 [.307]	2	3-647648-2

16	SUPERSEDED BY 4-647648-2	4&5, 8&9	47.42 [1.867]	12	-1-647648-2
16	SUPERSEDED BY 4-647648-1	4&5, 7&8	43.46 [1.711]	11	-1-647648-1
16	SUPERSEDED BY 4-647648-0	3&4, 7&8	39.50 [1.555]	10	-1-647648-0
16	SUPERSEDED BY 3-647648-9	3&4, 6&7	35.53 [1.399]	9	-647648-9
		4&5	31.57 [1.243]	8	647648-8
		4&5	27.61 [1.087]	7	647648-7
16	SUPERSEDED BY 3-647648-6	3&4	23.65 [.931]	6	-647648-6
16	SUPERSEDED BY 3-647648-5	NONE	19.69 [.775]	5	-647648-5
		NONE	15.72 [.619]	4	647648-4
16	SUPERSEDED BY 3-647648-3	NONE	11.76 [.463]	3	-647648-3
		NONE		2	647648-2

THIS DRAWING IS A CONTROLLED DOCUMENT.		DIN K. WHITAKER 21JUN2005		TE Connectivity	
DIMENSIONS: mm [INCHES]		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME	
0 PLC	± .01	1 PLC	± .015	MTA-156 HEADER ASSEMBLY, HIGH TEMP, STRAIGHT	
2 PLC	± .02	3 PLC	± .03	.045 ROUND POST, TIN OR TIN-LEAD	
4 PLC	± .05	ANGLES	± 1°	APPLICATION SPEC	
MATERIAL	1	FINISH	2	SIZE	CAGE CODE DRAWING NO
				WEIGHT	A1 00779 C=647648
CUSTOMER DRAWING				SCALE	5:1 SHEET 1 OF 1 REV A2

