



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!



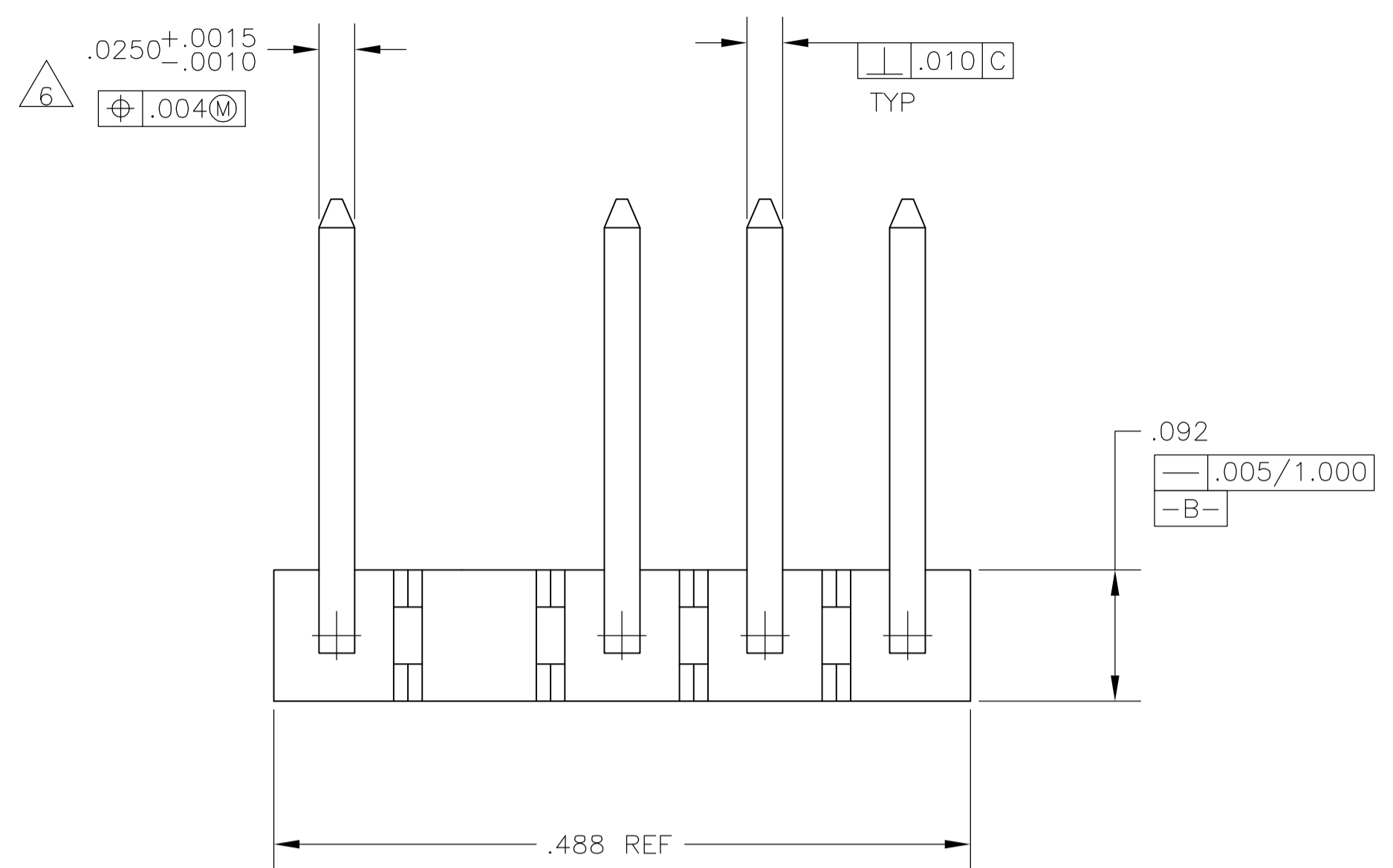
## Contact us

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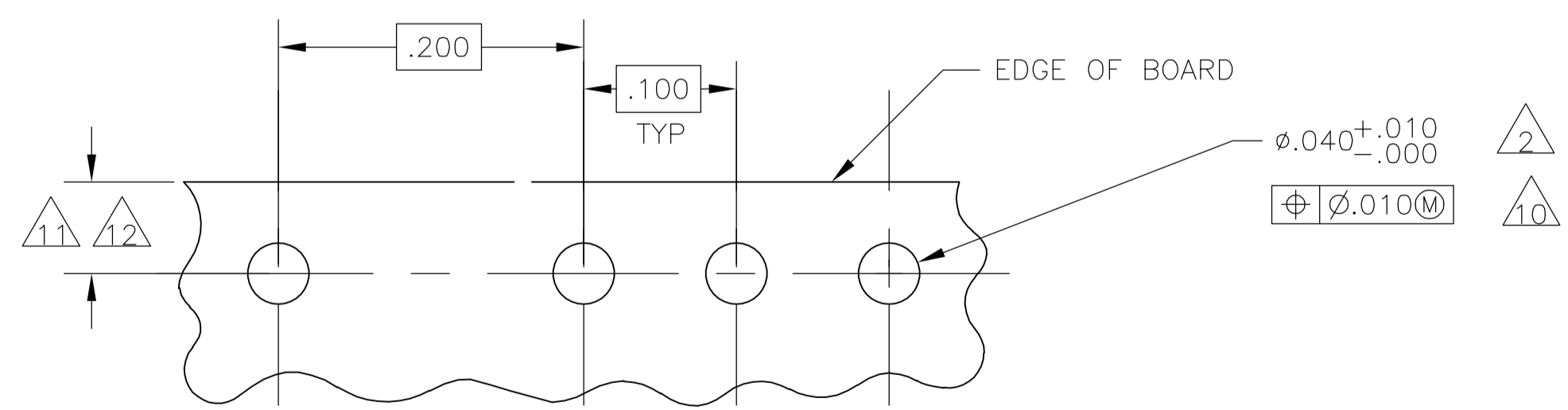
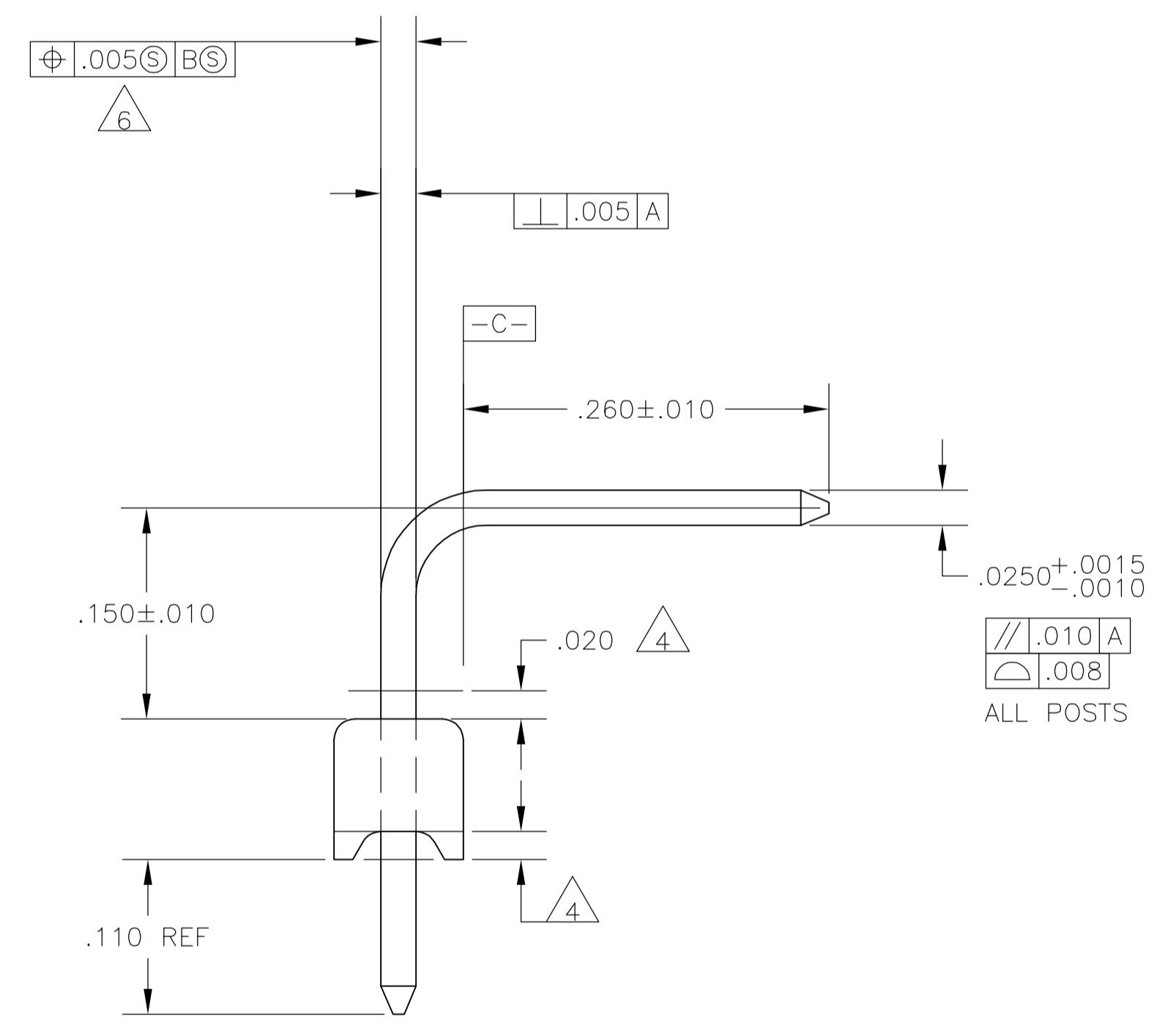
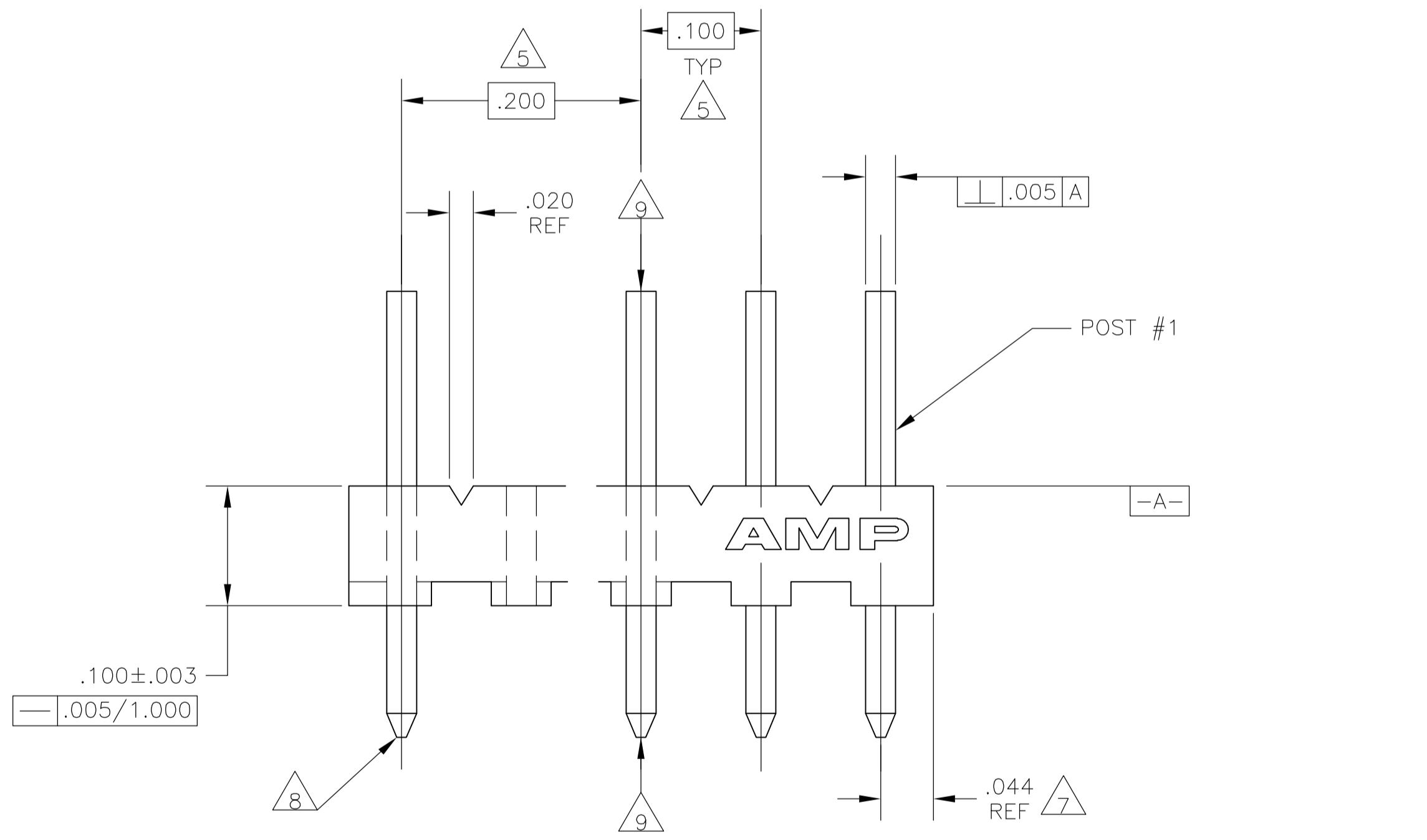
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- 1 MATERIAL:  
BASE: THERMOPLASTIC POLYESTER, UL 94V-0 (NATURAL).  
POST: COPPER ALLOY (TIN OR TIN-LEADPLATED, .000150" MIN THICK - SEE PART NUMBER TABLE FOR DETAILS).
- 2 ONE HOLE MAY BE UNDERSIZED (.032-.035 DIA) FOR ASSEMBLY RETENTION DURING WAVE SOLDERING.
- 3 PARTS MUST COMPLY WITH AMP SOLDERABILITY SPEC 109-11-2.
- 4 PLASTIC AROUND POST PERMISSIBLE IN THIS AREA ONLY.
- 5 DIMENSION APPLIES WHEN HEADER IS HELD FLAT.
- 6 MEASURED AT -A-
- 7 COORDINATE DIMENSION APPLIES FROM CENTER OF ACTUAL FEATURE.
- 8 RADIUS AT TIP PERMITTED, BOTH ENDS.
- 9 POST MUST WITHSTAND 15 NEWTONS [3.0] LB MIN AXIAL FORCE IN BOTH DIRECTIONS WITHOUT DISLODGING.
- 10 SOLDER SIDE OF BOARD IS SHOWN.
- 11 DIMENSION SHOULD BE .060 MIN WHEN MATING WITH A MTA-100 CONNECTOR ASSEMBLY OR A CST-100 CONNECTOR.
- 12 DIMENSION SHOULD BE .060-.340 WHEN MATING CONNECTOR WIRING EXITS HOUSING INTO BOARD.



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

.035	0.89		
.032	0.81	1.000	25.40
.025	0.64	.488	12.40
.0250	0.635	.340	8.64
.020	0.51	.260	6.60
.010	0.25	.200	5.08
.008	0.20	.150	3.81
.005	0.13	.110	2.79
.004	0.10	.100	2.54
.003	0.08	.092	2.34
.0015	0.038	.063	1.60
.0010	.025	.060	1.52
.000150	.00381	.044	1.12
.000	0.00	.040	1.02
IN	MM	IN	MM

CONVERSION TABLE

3-647161-1 SHOWN

TIN		
TIN-LEAD	4	3-647161-1
FINISH	POSITION NO OMITTED	ASSEMBLY PART NUMBER

SUPERSEDED BY 3-647161-1

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: INCHES	TOLERANCES UNLESS OTHERWISE SPECIFIED:	0 PLC ± -	1 PLC ± -	2 PLC ± -	3 PLC ± -.005	4 PLC ± -	ANGLES ± -
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MATERIAL: 1 FINISH: 1

REV	DATE	DESCRIPTION	DATE	BY	APP'D
0	02JUL2005				
1	02AUG2005				

APPROVED: D. BOSSI

NAME: D. BOSSI

PRODUCT SPEC: MTA-100 HEADER ASSEMBLY, NARROW, .025 SQUARE RIGHT ANGLE POST, TIN, 5 POSITION, OMITTED POST

APPLICATION SPEC: MTA-100

SIZE: A1

SCALE: 10:1

WEIGHT: -

CUSTOMER DRAWING

SCALE: 10:1 SHEET 1 OF 1 REV A1

