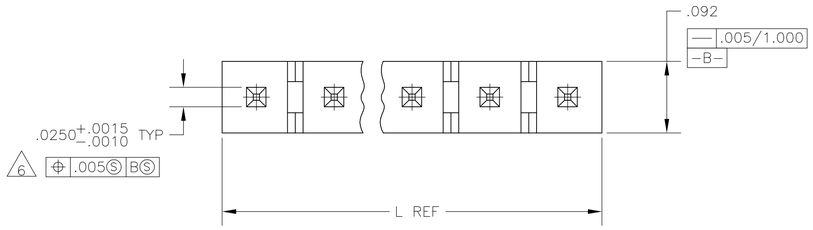
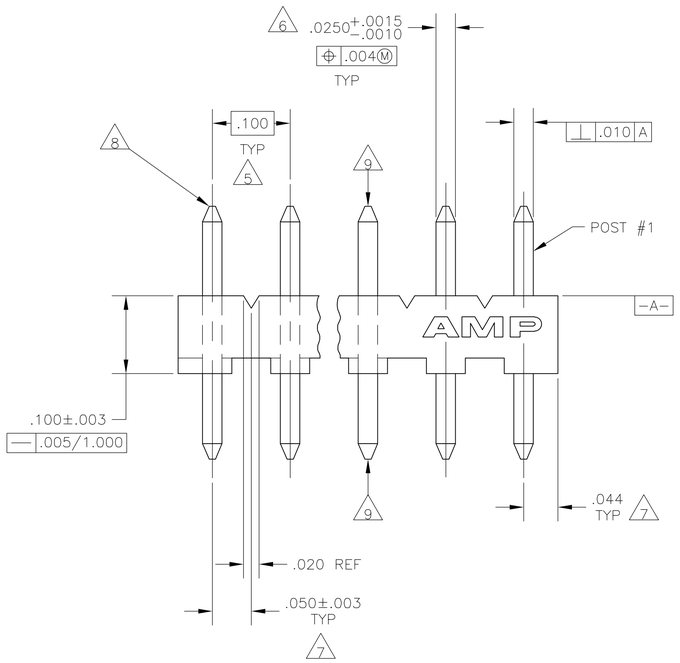
THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION -.- .
© COPYRIGHT - BY TYCO ELECTRONICS CORPORATION. ALL RIGHTS RESERVED.

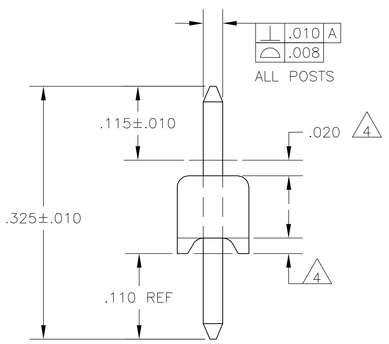
LOC	DIST
CM	00

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	E	EC 0G3B 0115 05	07 JUL 05	BSV	DB

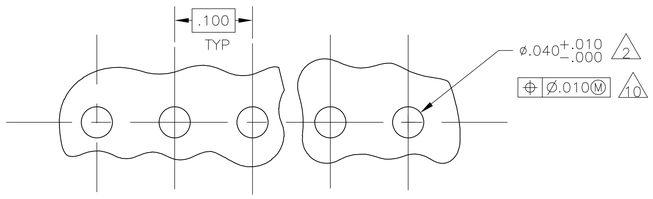






1. MATERIAL:
   BASE: THERMOPLASTIC POLYESTER, UL 94V-O (NATURAL).

   POST: COPPER ALLOY (TIN OR TIN-PLATED, .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 3.0 LB MIN AXIAL FORCE IN BOTH DIRECTIONS WITHOUT DISLODGING.
10. SOLDER SIDE OF BOARD IS SHOWN.
11. AMP LOGO MAY OR MAY NOT APPEAR ON MOLDING HOUSING.



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

.032	0.81		
.0250	0.635	1.000	25.40
.025	0.64	.325	8.26
.020	0.51	.115	2.92
.010	0.25	.110	2.79
.008	0.20	.100	2.54
.005	0.13	.092	2.34
.004	0.10	.063	1.60
.003	0.08	.050	1.27
.0015	0.038	.044	1.12
.0010	0.025	.040	1.02
.000150	0.0038	.035	0.89
IN	MM	IN	MM

CONVERSION TABLE

FINISH	NO. OF POSTS	L IN	L MM	NO. OF CIRCUITS	PART NUMBER
TIN	9	.888	22.56	9	3-644700-9
TIN-LEAD	9	.888	22.56	9	644700-9

METRIC

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: INCHES

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ± -
1 PLC ± -
2 PLC ± -
3 PLC ± -
4 PLC ± -
ANGLES ± -

MATERIAL 1
FINISH 1

DWN B. VISWESWARA 07JULY2005
CHK D. BOSSI 07JULY2005
APVD D. BOSSI 07JULY2005
PRODUCT SPEC —
APPLICATION SPEC —
WEIGHT —

tyco Electronics
Tyco Electronics Corporation
Harrisburg, Pa 17105-3608

NAME
MTA-100 HEADER ASSEMBLY,NARROW,
.025 SQ POST-STRAIGHT, TIN OR TIN-LEAD
—

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-644700	—

CUSTOMER DRAWING | SCALE 10:1 | SHEET 1 OF 1 | REV E