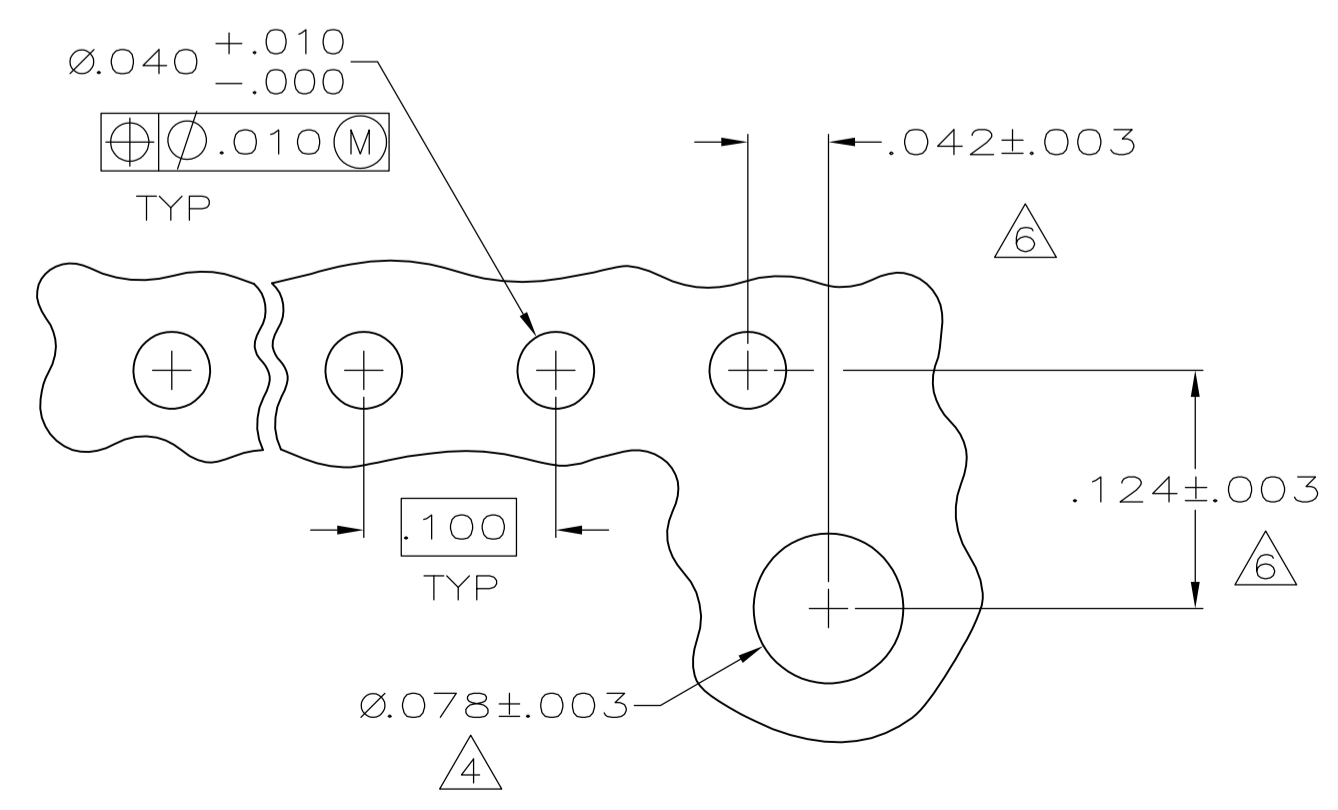


- 1 MATERIAL: HEADER - POLYESTER UL94V-0 (BLACK)  
POST - COPPER ALLOY.
- 2 SOLDER SIDE OF P.C. BOARD SHOWN.
- 3 PARTS COMPLY WITH TYCO ELECTRONICS SOLDERABILITY SPEC 109-11-2 (TIN-LEAD) OR 109-11-12 (TIN).
- 4 THE RETENTION TABS PROVIDE A ONE-TIME INTERFERENCE FIT IN THE .078 DIAMETER BOARD HOLE FOR HEADER ASSEMBLY RETENTION DURING SOLDERING.
- 5 LATCH DETENT FEATURE OCCURS 2 PLACES ON EACH END (MAXIMUM OF FOUR PER PART). FOR 2 THRU 5 CIRCUIT.
- 6 COORDINATE DIMENSION APPLIES FROM CENTER OF ACTUAL FEATURE.
- 7 GOLD PLATE, .000030 MIN, FOUR SIDES AS SHOWN, OVER NICKEL UNDERPLATE, .000050 MIN, ALL SIDES AND ENTIRE LENGTH OF POST.  
OR  
GOLD FLASH OVER PALLADIUM-NICKEL, .000030 MIN TOTAL THICKNESS AS SHOWN, OVER NICKEL UNDERPLATE .000050 MIN ALL SIDES AND LENGTH OF POST. EITHER PLATING MAY BE PROVIDED AT THE DISCRETION OF TYCO ELECTRONICS.
- 8 TIN-LEAD (93/7) PLATE, ALL FOUR SIDES, .140 REF.
- 9 POST MUST WITHSTAND 3.0 LBS (13.34 NEWTONS) MIN FORCE WITHOUT DISLODGING, EITHER DIRECTION.
- 10 SLOTS MAY OR MAY NOT APPEAR ON THESE PARTS.
- 11 MATTE TIN (100%) PLATE, ALL FOUR SIDES, .140 REF.
- 12 UL RECOGNIZED ( UR ) LOGO AND CSA LOGO ON THE SIDE OF THE PART. AMP LOGO MAY APPEAR ON THE SIDE OR ON THE BOTTOM OF THE PART.



RECOMMENDED MOUNTING HOLE PATTERN FOR .063 THK PRINTED CIRCUIT BOARD

.025	0.64	.124	3.15	-	-
.010	0.25	.107	2.72	-	-
.005	0.13	.100	2.54	.520	13.21
.003	0.08	.092	2.34	.410	10.41
.001	0.03	.078	1.98	.313	7.95
.000350	0.00889	.063	1.60	.280	7.11
.000150	0.00381	.062	1.57	.176	4.47
.000050	0.00127	.042	1.07	.165	4.19
.000030	0.00076	.040	1.02	.140	3.56
.000	0.00	.030	0.76	.125	3.18
IN	MM	IN	MM	IN	MM

CONVERSION TABLE

1.484	37.69	14	4-644897-4
1.384	35.15	13	4-644897-3
1.284	32.61	12	4-644897-2
1.184	30.07	11	4-644897-1
1.084	27.53	10	4-644897-0
.984	24.99	9	3-644897-9
.884	22.45	8	3-644897-8
.784	19.91	7	3-644897-7
.684	17.37	6	3-644897-6
.584	14.83	5	3-644897-5
.484	12.29	4	3-644897-4
.384	9.75	3	3-644897-3
.284	7.21	2	3-644897-2
1.484	37.69	14	1-644897-4
1.384	35.15	13	1-644897-3
1.284	32.61	12	1-644897-2
1.184	30.07	11	1-644897-1
1.084	27.53	10	1-644897-0
.984	24.99	9	644897-9
.884	22.45	8	644897-8
.784	19.91	7	644897-7
.684	17.37	6	644897-6
.584	14.83	5	644897-5
.484	12.29	4	644897-4
.384	9.75	3	644897-3
.284	7.21	2	644897-2
IN	MM	NO OF POSITIONS	PART NUMBER
L			HEADER ASSEMBLY

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: INCHES	TOLERANCES UNLESS OTHERWISE SPECIFIED:	DIN K. WHITAKER 27JUNE2005	TE Connectivity
0 PLC ± -	1 PLC ± -	27JUNE2005	CST-100 SHROUDED HEADER ASSEMBLY, FRICTION LOCK, STRAIGHT POST, .000030 GOLD
2 PLC ± -	3 PLC ± .005	APVO D. ROSSI	APPLICATION SPEC
4 PLC ± -	ANGLES ± -	NAME	SIZE CASE CODE DRAWING NO
MATERIAL	FINISH	WEIGHT	A1 00779 644897
1	7 8 11	CUSTOMER DRAWING	SCALE 10:1 SHEET 1 OF 1 REV F

