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LOC	DIST
GP	00

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	C	REVISED PER ECO-08-004952	9JUN2008	ZMR	SLB

78.74±0.25 [3.100±.010]
3.73 [.147] TYP
ø2.54 [.100] 2 HOLES
1.57 [.062] TYP

72.64±0.25 [2.860±.010]
1.02 [.040]
4.95 [.195] TYP
2.79 [.110] TYP
13.94±0.25 [.549±.010] TYP
22.73±0.51 [.895±.020]
10.57 [.416] TYP
ø2.44 [.096] 2 HOLES
POSITION NO 1 INDICATOR
0.64±0.03 SQ [.025±.001]
⌖ 0.38[.015] Ⓜ W X Y
AT POST TIPS
EJECTION LATCH TYP

82.80±0.25 [3.260±.010]
68.58 [2.700]
HOUSING
-X-
8.00 [.315] TYP
8.64 MAX [.340] TYP
6.35 +0.25 −0.13 [.250 +.010 −.005] TYP
2.54 [.100] TYP
3.81 [.150] TYP
-Y-
(60.96) [2.400]
CONTACT TYP

ø2.69 [.106]
⌖ Ø 0.08[.003] Ⓢ M N
2 HOLES
ø0.89±0.08 [.035±.003]
⌖ Ø 0.08[.003] Ⓢ M N
PLATED THROUGH HOLE 50 PLC
2.54 [.100] TYP
PIN 1 LOCATION
2.54 [.100]
1.52 [.060]
12.06 MAX [.475]
5.84 [.230] 2 PLC
1.78±0.05 [.070±.002] TYP
2.29±0.05 [.090±.002] TYP
2.79±0.08 [.110±.003] TYP
℄ OF PADS
EDGE OF PC BOARD
15.37 [.605] 2 PLC
-M-
-N-

RECOMMENDED PC BOARD MOUNTING DIMENSIONS

1. HOUSING AND LATCHES: PCT, UL94V-0 RATED, COLOR RED.
   POSTS: BRASS.
2. POSTS: GOLD FLASH OVER PALLADIUM-NICKEL PLATE, 0.76µm[.000030] MIN TOTAL ON THE LOCALIZED PLATE AREA, 2.54µm[.000100] MIN TIN PLATE ON THE SOLDER-TAIL, 1.27µm[.000050] MIN NICKEL UNDERPLATE ON THE ENTIRE POST.
   -OR-
   0.76µm[.000030] MIN GOLD PLATE ON THE LOCALIZED PLATE AREA, 2.54µm[.000100] MIN TIN PLATE ON THE SOLDER-TAIL, 1.27µm[.000050] MIN NICKEL UNDERPLATE ON THE ENTIRE POST.
3. DISTANCE REQUIRED BY LATCHES IN OPEN POSITION.
4. RECOMMENDED PRINTED CIRCUIT BOARD THICKNESS 1.57 [.062].
5. RECOMMENDED PAD THICKNESS 0.25 [.010].
6. DATUMS -M- & -N- TO BE ESTABLISHED BY CUSTOMER.

5.08 MIN [.200] TYP
3.81 MIN [.150] TYP
GOLD FLASH TYP
LOCALIZED PLATE AREA
1.27 [.050] MAX TYP
GOLD FLASH TYP
DETAIL V
SCALE 10:1

-W-
7.34 [.289]
6.10 [.240] TYP
⌖ 0.38[.015] Ⓜ W X
AT POST TIPS
2.72 [.107] TYP
2.54 [.100] TYP
-U-
SEE DETAIL V
2.79 [.110] TYP
ø0.64 ±0.05 [.025±.002]
⌖ Ø 0.38[.015] Ⓜ U W Y
AT POST TIPS
0.97 [.038] TYP
2.54 [.100] TYP

NO OF POSN	PART NUMBER
50	1-5111969-0

THIS DRAWING IS A CONTROLLED DOCUMENT.
DIMENSIONS: mm [INCHES]
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± –, 1 PLC ± –, 2 PLC ± 0.13 [.005], 3 PLC ± –, 4 PLC ± –, ANGLES ± –
MATERIAL 1
FINISH 2
DWN L. VARELA – DOCKS 01-06-05
CHK S. BOLASH
APVD M. WALMSLEY 01-06-05
PRODUCT SPEC 108-40018
APPLICATION SPEC –
WEIGHT –
CUSTOMER DRAWING

Tyco Electronics
Tyco Electronics Corporation
Harrisburg, PA 17105-3608
NAME HEADER ASSEMBLY, HIGH-TEMP, UNIVERSAL HEADER, AMP-LATCH –
SIZE A1 | CAGE CODE 00779 | DRAWING NO C-5111969 | RESTRICTED TO –
SCALE 4:1 | SHEET 1 OF 1 | REV C

4805 (1/08)