

4

3

2

1

THIS DRAWING IS UNPUBLISHED.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

LOC	DIST	REVISIONS			
P	LTR	DESCRIPTION	DATE	DWN	APVD
AF	50	P2	REV PER ECR-06-014352	20JUN06	HMR EH

SUGGESTED MATING TAB

SHOULDER MAY BE ELIMINATED IF NOT FEASIBLE

10.46 [.412] MIN CLEARANCE

1.02 [.040] / 0.76 [.030]

0.25 [.010] MAX CUT-OFF

8.25 [.325] MIN

6.43 [.253] / 6.27 [.247]

1.14 [.045] / 0.89 [.035] x 45°

2.03 [.080] DIA HOLE / 1.65 [.065]

3.48 [.137] / 3.33 [.131]

4.72 [.186] / 4.32 [.170]

8.05 [.317] / 7.80 [.307]

0.84 [.033] / 0.79 [.031]

0.13 [.005] R MAX BOTH SIDES

10° ±2°

7.60 [.300]

3.81 [.150]

22.50 [.886] MAX

0.25 [.010] MAX CUT-OFF

1.40 [.055] / 1.27 [.050]

6.47 [.255]

4.0 [.157]

1.70 [.067]

8.33 [.328]

0.41 [.016]

- 1 DIMENSIONS IN BRACKETS ARE IN INCHES.
- 2 CONTINUOUS STRIP ON REELS.
- 3 THE 1.40 [.055] / 1.27 [.050] DIMENSION MUST BE MAINTAINED BY THE APPLICATOR CUT-OFF TO ENSURE THE PROPER LOCKING FUNCTION OF THE RECEPTACLE.
- 4 WIRE SIZE IS 0.3-0.8mm [22-18] AWG
- 5 INSULATION RANGE IS 1.52-2.54 [.060-.100] DIA
- 6 GOLD PLATE 0.00127 [.000050] MIN THK OVER 0.00127 [.000050] MIN NICKEL PLATE
- 7 PREPRODUCTION - FASR REQ

0.84 [.033]

0.89 [.035]

0.36 [.014] / 0.20 [.008]

VIEW A-A

3.30 [.130] / 2.67 [.105]

SECTION B-B

4.57 [.180] / 3.94 [.155]

SECTION C-C

- 1 - MATL: 1/2H BRASS OR NICKEL PL STEEL.
- 2 - NO BURRS PERMISSIBLE AT HOLE.
- 3 - MUST BE FLAT WITHIN 0.076 [.003] OVER THIS LENGTH.
- 4 - TIN PLATING IS REQUIRED ON BRASS WHEN TERMENAL TEMP. IS OVER 225° F.
- 5 - HOLE MUST BE SYMMETRICAL ABOUT TAB Q WITHIN 0.076 [.003]

* TO BE USED ONLY WHEN SHOULDER IS ELIMINATED.

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	JR RUTH	7/28/86	Tyco Electronics Corporation Harrisburg, PA 17105-3608
DIMENSIONS: INCHES		CHK	G YETTER	1/15/87	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD	R KUZO	1/15/87	
0 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± 0.25 .010 4 PLC ± - ANGLES ± - FINISH SEE TABLE		APPLICATION SPEC		114-2074	
MATERIAL #4H BRASS		WEIGHT	-		NAME RECPT, POSITIVE LOCK, .250 SERIES SIZE A2 CAGE CODE 00779 DRAWING NO C=63119 RESTRICTED TO - SCALE 4:1 SHEET 1 of 1 REV P2

AMP 1471-9 REV 31MAR2000

63119

B

A