

4

3

2

1

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LOC	DIST	REVISIONS					
GP	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
		A		REVISED PER ECO-06-028339	18/DEC/06	ZMR	EDB

10°

55.47±0.15 [2.184±.006]

8.38 [.330]

AMP

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19

20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37

63.50 [2.500]

69.39±0.38 [2.732±.015]

2x #4-40 INSERT

1 HOUSING: BLACK POLYESTER, UL 94V-0 RATED; CONTACTS AND INSERTS: BRASS;

2 CONTACTS: GOLD PLATED FOR A LENGTH OF 3.81 [.150] MIN FROM MATING END, 0.76µm [.000030] MIN GOLD IN MATED AREA, 2.54µm [.000100] MIN TIN ON OPPOSITE END, ALL OVER 1.27µm [.000050] MIN NICKEL.
 -OR-
 GOLD FLASH OVER PALLADIUM NICKEL PLATED FOR LENGTH OF 3.81 [.150] MIN FROM MATING END, 0.76µm [.000030] MIN PALLADIUM NICKEL IN MATED AREA, 2.54µm [.000100] MIN TIN ON OPPOSITE END, ALL OVER 1.27µm [.000050] MIN NICKEL.

MATING FACE

TYCO, PART NO AND DATE CODE MARKED IN AREA INDICATED, ON EITHER SIDE

5.84±0.15 [.230±.006] TYP

CL OF 4-40 HOLE

6.91±0.38 [.272±.015]

2.77±0.25 TYP [.109±.010]

10.41±0.38 [.410±.015]

12.09±0.38 [.476±.015]

HOUSING

37x CONTACT

1.91±0.25 [.075±.010] TYP

4.32+0.51 [-0.38] [.170+.020] [-.015] TYP

2.84±0.25 [.112±.010] TYP

∅0.66 [.026] TYP

63.50 [2.500]

6.91 [.272]

2.77 TYP [.109]

2x ∅3.05 [.120]

1.42 [.056] TYP

1.384 [.0545]

37x ∅1.04 [.041]

RECOMMENDED PC BOARD MOUNTING DIMENSIONS

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THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN G.PETERS 13SEP05	Tyco Electronics Corporation Harrisburg, PA 17105-3608	5745054-4	
DIMENSIONS: mm [INCHES]		CHK S.BOLASH 13SEP05		PART NO	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD M.WALMSLEY 13SEP05		NAME	
0 PLC ± -		PRODUCT SPEC 108-40025		PLUG ASSEMBLY, SIZE 4, 37 POSN, VERTICAL, AMPLIMITE HD-20	
1 PLC ± -		APPLICATION SPEC	SIZE A2	CAGE CODE 00779	DRAWING NO C=5745054
2 PLC ± 0.13 [.005]			SCALE 4:1	SHEET 1 of 1	REV A
3 PLC ± -			RESTRICTED TO		
4 PLC ± -					
ANGLES ± 2°					
FINISH					
MATERIAL					
CUSTOMER DRAWING					

AMP 1471-9 REV 31MAR2000

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5745054

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