



100 POSITION AS SHOWN

1 FINISH  
 CONTACTS: EITHER 0.76µm [.000030] MIN GOLD PLATE FOR A LENGTH OF 3.35 [.132] MIN FROM MATING END OR GOLD FLASH OVER PALLADIUM NICKEL PLATE, 0.76µm [.000030] MIN TOTAL FOR A LENGTH OF 3.35 [.132] MIN FROM MATING END. 3.81µm [.000150] MIN TIN-LEAD FOR A LENGTH OF 3.23 [.127] MIN FROM OPPOSITE END, ALL OVER 1.27µm [.000050] MIN NICKEL UNDERPLATE.  
 BRACKETS: NICKEL PLATE.

2 POSITION TOLERANCE APPLIES AT TIP ONLY.

3 MATERIAL  
 CONTACTS: PHOSPHOR BRONZE  
 RECEPTACLE HOUSING & PIN SPACER: UL V-0 RATED POLYESTER LCP COLOR BLACK  
 BRACKET: ZINC.

4 ACTUAL HOLE SIZE USED WILL DEPEND ON TRACE ROUTING REQUIREMENTS BETWEEN HOLES AND CONNECTOR PLACEMENT TECHNIQUE.

X	31.11 [1.225]	70.36 [2.770]	84.20 [3.315]	62.23 [2.450]	66.60 [2.622]	68.94 [2.714]	78.23 [3.080]	100	749084-9
Y	15.24 [.600]	38.61 [1.520]	52.45 [2.065]	30.48 [1.200]	34.85 [1.372]	37.19 [1.464]	46.48 [1.830]	50	749084-5
PWB PATTERN	G	F	E	D	C	B	A	NO. OF POSN	PART NO.

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN JOHN A. ROOT 5-2-89	Tyco Electronics Corporation Harrisburg, PA 17105-3608
DIMENSIONS: mm [INCHES]		CHK M.A. VISELLI 5-2-89	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APP'D D. GRIESEMER 5-3-89	NAME Tyco Electronics PRODUCT SPEC PLUG ASSEMBLY, SHIELDED, RIGHT ANGLE, AMPLIMITE®.050 Series
0 PLC ± -		NAME	
1 PLC ± -		APPLICATION SPEC	SIZE CAGE CODE DRAWING NO. RESTRICTED TO
2 PLC ± 0.13 [.005]		WEIGHT	A1 00779 C=749084
3 PLC ± -		CUSTOMER DRAWING	SCALE 4:1 SHEET 1 OF 1 REV K
4 PLC ± -			
ANGLES ± -			
FINISH			