



P.C.BOARD MOUNTING DIMENSIONS (CONNECTOR SIDE)

- △ FINISH
CONTACTS: EITHER .76µm [.000030] MIN GOLD OR GOLD FLASH OVER PALLADIUM NICKEL, 0.76µm [.000030] MIN TOTAL ON MATING END. TIN PLATED 3.05µm [.000120] MINIMUM THICK ON SOLDER LEAD, ALL OVER 1.27µm [.000050] MINIMUM THICK NICKEL UNDERPLATE. METAL SHELL: 5.08µm [.000200] MIN NICKEL OVER 1.27µm [.000050] MIN COPPER. BRACKET: NICKEL PLATE.
- △ POSITION TOLERANCE APPLIES AT TIP ONLY.
- △ MATERIAL
CONTACTS: PHOSPHOR BRONZE
RECEPTACLE HOUSING: UL V-0 RATED THERMOPLASTIC COLOR BLACK
BRACKET: ZINC
METAL SHELL: CARBON STEEL.
- △ ACTUAL HOLE SIZE USED WILL DEPEND ON TRACE ROUTING REQUIREMENTS BETWEEN HOLES AND CONNECTOR PLACEMENT TECHNIQUE.

**COPYRIGHT 2005
TYCO ELECTRONICS CORP
ALL RIGHTS RESERVED**

	X	Y	R	P	N	L	NO. OF POSN	PART NUMBER
X	84.20 [3.315]	62.23 [2.450]	66.45 [2.616]	78.23 [3.080]	100	5749070-9		
X	63.88 [2.515]	41.91 [1.650]	46.13 [1.816]	57.91 [2.280]	68	5749070-7		
Y	52.45 [2.065]	30.48 [1.200]	34.70 [1.366]	46.48 [1.830]	50	5749070-5		
TYP PATTERN								

THIS DRAWING IS A CONTROLLED DOCUMENT

DESIGNED BY: J. J. SPENCER
 DRAWN BY: J. J. SPENCER
 CHECKED BY: J. J. SPENCER
 APPROVED BY: J. J. SPENCER
 DATE: 01-28-05

Tyco Electronics Corporation
 Harrisburg, PA 17105-3009

RECEPTACLE ASSEMBLY,
 SHIELDED VERTICAL,
 AMPLIMITE 050 Series

DATE: 01-28-05
 DRAWING NO: A100779
 PART NO: 5749070

CUSTOMER DRAWING
 SCALE: 4:1
 SHEET: 1 of 1