



- FINISH**  
CONTACTS: EITHER 0.76µm [.000030] MIN GOLD FOR A LENGTH OF 0.64 [.025] MIN, 0.13 [.005] MAX FROM MATING END OR GOLD FLASH OVER PALLADIUM NICKEL, 0.76µm [.000030] MIN TOTAL FOR A LENGTH OF 0.64 [.025] MIN, 0.13 [.005] MAX FROM MATING END. 3.81µm [.000150] MIN TIN-LEAD ON SOLDER POST, BOTH OVER 1.27µm [.000050] MIN NICKEL UNDERPLATE.  
SHELL: 5.08µm [.000200] MIN NICKEL OVER 1.27µm [.000050] MIN COPPER.
- FINISH**  
CONTACTS: 1.27µm [.000050] MIN DURAGOLD FOR A LENGTH OF 0.64 [.025] MIN, 0.13 [.005] MAX FROM MATING END, 3.81µm [.000150] MIN TIN-LEAD ON SOLDER POST, BOTH OVER 1.27µm [.000050] MIN NICKEL.  
SHELL: 5.08µm [.000200] MIN NICKEL OVER 1.27µm [.000050] MIN COPPER.
- POSITION TOLERANCE APPLIES AT TIP ONLY.**
- MATERIAL**  
CONTACTS: PHOSPHOR BRONZE  
HOUSING: UL V-0 RATED THERMOPLASTIC COLOR BLACK  
BRACKET: ZINC  
SHELL: CARBON STEEL.
- ACTUAL HOLE SIZE USED WILL DEPEND ON TRACE ROUTING REQUIREMENTS BETWEEN HOLES AND CONNECTOR PLACEMENT TECHNIQUE.**
- OBsolete PART NUMBER.**

SUPERSEDED BY 749721-5

	Y	X	X	X	X	X	Y	X	Y	X	Y	X			
	52.45	96.90	84.20	71.50	63.88	58.80	52.45	46.10	38.48	37.21	33.40				
	[2.065]	[3.815]	[3.315]	[2.815]	[2.515]	[2.315]	[2.065]	[1.815]	[1.515]	[1.465]	[1.315]				
	30.48	74.93	62.23	49.53	41.91	36.83	30.48	24.13	16.51	15.24	11.43				
	[1.200]	[2.950]	[2.450]	[1.950]	[1.650]	[1.450]	[1.200]	[.950]	[.650]	[.600]	[.450]				
	34.70	79.15	66.45	53.75	46.13	41.05	34.70	28.34	20.73	19.46	15.65				
	[1.366]	[3.116]	[2.616]	[2.116]	[1.816]	[1.616]	[1.366]	[1.116]	[.816]	[.766]	[.616]				
	42.29	86.74	74.04	61.34	53.72	48.64	42.29	35.94	28.32	27.05	23.24				
	[1.665]	[3.415]	[2.915]	[2.415]	[2.115]	[1.915]	[1.665]	[1.415]	[1.115]	[1.065]	[.915]				
	46.48	90.93	78.23	65.53	57.91	52.83	46.48	40.13	32.51	31.24	27.43				
	[1.830]	[3.580]	[3.080]	[2.580]	[2.280]	[2.080]	[1.830]	[1.580]	[1.280]	[1.230]	[1.080]				
	50	120	100	80	68	60	50	40	28	26	20				
	△	△	△	△	△	△	△	△	△	△	△				
	1-749721-1	1-749721-0	749721-9	749721-8	749721-7	749721-6	749721-5	749721-4	749721-3	749721-2	749721-1				
	50	120	100	80	68	60	50	40	28	26	20				
	△	△	△	△	△	△	△	△	△	△	△				
	1-749721-1	1-749721-0	749721-9	749721-8	749721-7	749721-6	749721-5	749721-4	749721-3	749721-2	749721-1				

THIS DRAWING IS A CONTROLLED DOCUMENT. FOR MORE INFORMATION, CONTACT SULLIVAN.

INCHES	MM (INCHES)	DATE	REVISED PER
1/16	1.5	03-14-03	EDD-11-604836
1/32	3.0		
1/64	6.0		
3/128	12.0		
1/16	1.5		
1/32	3.0		
1/64	6.0		
3/128	12.0		

RECEPTACLE ASSEMBLY, SHIELDED, VERTICAL, AMPHIMATE, 50SD Series

DATE: 03-14-03 DRAWING NO: A100779 (S=749721)

CUSTOMER DRAWING

TE Connectivity