

- 1 HOUSING: FLAME RETARDANT, GLASS FILLED, POLYESTER, COLOR: BLACK.
CONTACT: PHOSPHOR BRONZE
VACUUM COVER: STAINLESS STEEL
- 2 CONTACT: DUPLEX PLATED 0.76µm[.000030] GOLD IN CONTACT AREA, 3.81-7.62µm[.000150-.000300] BRIGHT TIN-LEAD ON LEADS, ALL OVER 1.27µm[.000050] MINIMUM NICKEL
- 3 THESE DIMENSIONS PERTAIN TO CAVITY CENTERLINES ONLY NOT TO CONTACT LOCATIONS
- 4 PART NUMBER AND DATE CODE ARE MARKED IN APPROXIMATE LOCATION SHOWN.
- 5 TOLERANCE IS NON-CUMULATIVE.
- 6 2 POSITION DATE CODE IS MARKED OPPOSITE SIDE OF TYCO LOGO.
- 7 POINT OF MEASUREMENT DIMENSION FOR PLATING THICKNESS (INSIDE CONTACT BEAM).
- 8 POINT-OF-CONTACT DIMENSION.
- 9 Ø5.51[.217] MIN TARGET AREA FOR VACUUM PICK UP. COVER TO BE REMOVED AFTER SOLDERING.
- 10 NO CENTER HOLD DOWN.
- 11. PACKAGED IN TUBES.
- 12 HOLES Ø1.125±.025[.0453±.0010] DRILL SIZE [0.03-0.08[.001-.003] COPPER PLATING. 0.007[.003]MIN 60/40 TIN LEAD Ø0.94-1.09[.037-.043] AFTER PLATING, 0.25[.010] ANNULAR RING BOTH SIDES.
- 13 TYCO TRADEMARK AND CSA LOGO ARE MOLDED INTO HOUSING.
- 14 NO PART NUMBER REQUIRED ON THIS PART.
- 15 CONTACT: DUPLEX PLATED 0.76µm[.000030] GOLD IN CONTACT AREA, 3.81-7.62µm[.000150-.000300] MATTE TIN ON LEADS, ALL OVER 1.27µm[.000050] MINIMUM NICKEL.
- 16 ROHS 2002 /95/EC COMPLIANT.

53.34	[2.100]	106.68	[4.200]	99.06	[3.900]	109.22	[4.300]	80	9-147102-0
50.80	[2.000]	104.14	[4.100]	96.52	[3.800]	106.68	[4.200]	78	8-147102-9
50.80	[2.000]	101.60	[4.000]	93.98	[3.700]	104.14	[4.100]	76	8-147102-8
48.26	[1.900]	99.06	[3.900]	91.44	[3.600]	101.60	[4.000]	74	8-147102-7
48.26	[1.900]	96.52	[3.800]	88.90	[3.500]	99.06	[3.900]	72	8-147102-6
45.72	[1.800]	93.98	[3.700]	86.36	[3.400]	96.52	[3.800]	70	8-147102-5
		88.90	[3.500]	83.82	[3.300]	91.44	[3.600]	68	8-147102-4
		86.36	[3.400]	81.28	[3.200]	88.90	[3.500]	66	8-147102-3
		83.82	[3.300]	78.74	[3.100]	86.36	[3.400]	64	8-147102-2
		81.28	[3.200]	76.20	[3.000]	83.82	[3.300]	62	8-147102-1
		78.74	[3.100]	73.66	[2.900]	81.28	[3.200]	60	8-147102-0
		76.20	[3.000]	71.12	[2.800]	78.74	[3.100]	58	7-147102-9
		73.66	[2.900]	68.58	[2.700]	76.20	[3.000]	56	7-147102-8
		71.12	[2.800]	66.04	[2.600]	73.66	[2.900]	54	7-147102-7
		68.58	[2.700]	63.50	[2.500]	71.12	[2.800]	52	7-147102-6
		66.04	[2.600]	60.96	[2.400]	68.58	[2.700]	50	7-147102-5
		63.50	[2.500]	58.42	[2.300]	66.04	[2.600]	48	7-147102-4
		60.96	[2.400]	55.88	[2.200]	63.50	[2.500]	46	7-147102-3
		58.42	[2.300]	53.34	[2.100]	60.96	[2.400]	44	7-147102-2
		55.88	[2.200]	50.80	[2.000]	58.42	[2.300]	42	7-147102-1
		53.34	[2.100]	48.26	[1.900]	55.88	[2.200]	40	7-147102-0
		50.80	[2.000]	45.72	[1.800]	53.34	[2.100]	38	6-147102-9
		48.26	[1.900]	43.18	[1.700]	50.80	[2.000]	36	6-147102-8
		45.72	[1.800]	40.64	[1.600]	48.26	[1.900]	34	6-147102-7
		43.18	[1.700]	38.10	[1.500]	45.72	[1.800]	32	6-147102-6
		40.64	[1.600]	35.56	[1.400]	43.18	[1.700]	30	6-147102-5
		38.10	[1.500]	33.02	[1.300]	40.64	[1.600]	28	6-147102-4
		35.56	[1.400]	30.48	[1.200]	38.10	[1.500]	26	6-147102-3
		33.02	[1.300]	27.94	[1.100]	35.56	[1.400]	24	6-147102-2
		30.48	[1.200]	25.40	[1.000]	33.02	[1.300]	22	6-147102-1
		27.94	[1.100]	22.86	[.900]	30.48	[1.200]	20	6-147102-0
		25.40	[1.000]	20.32	[.800]	27.94	[1.100]	18	5-147102-9
		22.86	[.900]	17.78	[.700]	25.40	[1.000]	16	5-147102-8
		20.32	[.800]	15.24	[.600]	22.86	[.900]	14	5-147102-7
		17.78	[.700]	12.70	[.500]	20.32	[.800]	12	5-147102-6
		15.24	[.600]	10.16	[.400]	17.78	[.700]	10	5-147102-5
		12.70	[.500]	7.62	[.300]	15.24	[.600]	8	5-147102-4
		10.16	[.400]	5.08	[.200]	12.70	[.500]	6	5-147102-3
		7.62	[.300]	2.54	[.100]	10.16	[.400]	4	5-147102-2
		5.08	[.200]	-	-	7.62	[.300]	2	5-147102-1

14 15 OBSOLETE

FINISH	D	C	B	A	NO. OF POSN	PART NUMBER
THIS DRAWING IS A CONTROLLED DOCUMENT.		DIN M. BINNER 06NOV02 J. JOLSON 06NOV02		Tyco Electronics Corporation Harrisburg, Pa 17105-3608		
DIMENSIONS: mm [INCHES]		TOLERANCES UNLESS OTHERWISE SPECIFIED:		Tyco Electronics Corporation Harrisburg, Pa 17105-3608		
0 PLC ± -		1 PLC ± ±		RECEPTACLE ASSEMBLY, MOD IV, 108-25022		
2 PLC ± ± 0.13[.005]		3 PLC ± ±		DOUBLE ROW, DUAL ENTRY, .100X.100CL, SURFACE MOUNT, AMPMODU		
4 PLC ± ±		ANGLES ± -		APPLICATION SPEC		
MATERIAL		FINISH		SIZE CASE CODE DRAWING NO RESTRICTED TO		
1		2 15		114-25018		
				WEIGHT		
				A1 00779 147102		
				CUSTOMER DRAWING		
				SCALE 1:1 SHEET 2 OF 2 REV N2		