



 POSITION TOLERANCE APPLIES AT CONTACT TIP

3 POSITION NUMBERS SHOWN FOR REFERENCE ONLY

3 MATERIAL:
HOUSING - POLYPHTHALAMIDE, BLACK, UL 94-VO RATED.
SHELL - CARBON STEEL PER ASTM A109.
CONTACTS - PHOSPHOR BRONZE PER QQ-B-750.
BRACKET - ZINC

4 FINISH:
SHELL – $5.08\mu\text{m}$ [.000200] MIN NICKEL OVER $1.27\mu\text{m}$ [.000050] MIN COPPER.
BRACKET – $3.81\mu\text{m}$ [.000150] MIN NICKEL OVER $5.08\mu\text{m}$ [.000200] MIN COPPER.
CONTACTS – EITHER $0.76\mu\text{m}$ [.000030] MIN GOLD PLATE OR GOLD FLASH OVER PALLADIUM NICKEL PLATE, $0.76\mu\text{m}$ [.000030] MIN TOTAL, FOR A LENGTH OF 0.64 [.025] MIN, 0.13 [.005] MAX FROM MATING END, $1.27\mu\text{m}$ [.000050] MIN TIN-LEAD ON OPPOSITE END FOR A LENGTH OF 4.78 [.188] MIN, BOTH OVER $1.27\mu\text{m}$ [.000050] MIN NICKEL.

5 PC BOARD HOLE RECOMMENDATIONS:

- A. HOLES SHOULD BE DRILLED WITH A 0.701 [.0276] DRILL.
- B. PC BOARD PLATING TO BE $7.62\mu\text{m}$ [.000300] MIN TIN-LEAD OVER 0.025–0.038 [.0010–.0015] COPPER.
- C. RECOMMENDED HOLE SIZE AFTER TIN-LEAD PLATING IS 0.56–0.66 [.022–.026].

 6 OBSOLETE PART NUMBER.

PER DETAIL X	96.90 [3.815]	74.93 [2.950]	79.15 [3.116]	90.93 [3.580]	45.47 [1.790]	120	 1-786555-0
PER DETAIL X	84.20 [3.315]	62.23 [2.450]	66.45 [2.616]	78.23 [3.080]	39.12 [1.540]	100	786555-9
PER DETAIL X	63.88 [2.515]	41.91 [1.650]	46.13 [1.816]	57.91 [2.280]	28.96 [1.140]	68	786555-7
PER DETAIL Y	52.45 [2.065]	30.48 [1.200]	34.70 [1.366]	46.48 [1.830]	23.24 [.915]	50	786555-5
PER DETAIL Y	37.21 [1.465]	15.24 [.600]	19.46 [.766]	31.24 [1.230]	15.62 [.615]	26	786555-2
PER DETAIL X	33.40 [1.315]	11.43 [.450]	15.65 [.616]	27.43 [1.080]	13.72 [.540]	20	 786555-1
RECOMMENDED PCB MTG DIMENSIONS	R	P	N	L	K	NO OF POSN	PART NO

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN H MOLL	10-7-92	 Tyco Electronics	Tyco Electronics Corporation			
		CHK R STONE	10-13-92		Harrisburg, PA 17105-3608			
DIMENSIONS: mm [INCHES]	TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD J ASSINI	10-16-92	NAME	RECEPTACLE ASSEMBLY, SHIELDED, VERTICAL, FLAT TOP, ACTION PIN FOR .062 TO .093 THICK BD,		
	0 PLC \pm - 1 PLC \pm - 2 PLC \pm 0.13 [.005] 3 PLC \pm - 4 PLC \pm - ANGLES \pm -		PRODUCT SPEC 108-1228					
MATERIAL 	FINISH 	APPLICATION SPEC 114-40029		SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO	
		WEIGHT —						
		CUSTOMER DRAWING		SCALE	4:1	SHEET	1 OF 1	REV K

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