



1 CONTACTS: PHOSPHOR BRONZE.  
HOUSING & PIN SPACER: POLYESTER, UL 94V-0 RATED, THERMOPLASTIC, BLACK  
BRACKET: ZINC.  
SHELL: CARBON STEEL  
BOARDLOCKS: COPPER ALLOY.

2 CONTACTS: EITHER 0.76µm [.000030] MIN GOLD PLATE FOR A LENGTH OF 0.64 [.025] MAX, 0.13 [.005] MIN FROM MATING END OR GOLD FLASH OVER PALLADIUM NICKEL PLATE, 0.76µm [.000030] MIN TOTAL FOR A LENGTH OF 0.64 [.025] MAX, 0.13 [.005] MIN FROM MATING END, 3.81µm [.000150] MIN TIN ON OPPOSITE END FOR A LENGTH OF 3.23 [.127] MIN, ALL OVER 1.27µm [.000050] MIN NICKEL UNDERPLATE.  
SHELL: 5.08µm [.000200] MIN NICKEL OVER 1.27µm [.000050] MIN COPPER.  
BRACKET: 2.54µm [.000100] MIN NICKEL OVER 5.08µm [.000200] MIN COPPER.  
BOARDLOCKS: 5.08µm [.000200] MIN TIN OVER 1.27µm [.000050] MIN NICKEL.

T	0.64 [.025]	54.23 [2.135]	60.35 [2.376]	63.88 [2.515]	46.13 [1.816]	57.91 [2.280]	68	5787083-7
S	1.27 [.050]	42.80 [1.685]	48.92 [1.926]	52.45 [2.065]	34.70 [1.366]	46.48 [1.830]	50	5787083-5
PC BOARD PATTERN	L	F	E	D	B	A	NO OF POSN	PART NUMBER

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DIMENSIONS: mm [INCHES]	TOLERANCES UNLESS OTHERWISE SPECIFIED:	DWN: A. FERNANDEZ-DOCKS 02-15-05	CHK: S. BOLASH 02-15-05	APRO: M. WALMSLEY 02-15-05	NAME: Tyco Electronics Corporation Harrisburg, PA 17105-3608
0 PLC ± -	1 PLC ± -	2 PLC ± 0.15[.005]	3 PLC ± -	4 PLC ± -	ANGLES ± -
MATERIAL: 1	FINISH: 2	PRODUCT SPEC: 108-1228	APPLICATION SPEC: 114-40029	WEIGHT: -	SIZE: A1
CUSTOMER DRAWING				SCALE: 4:1	SHEET: 1 OF 1