



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

2 FINISH  
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-LEAD  
ON OPPOSITE END FOR A OF 2.72 [.107] 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]  
COPPER.

T	78.23 [3.080]	0.64 [.025]	69.44 [2.734]	82.04 [3.230]	84.20 [3.315]	66.45 [2.616]	78.23 [3.080]	100	787169-9
T	57.91 [2.280]	0.64 [.025]	49.12 [1.934]	61.72 [2.430]	63.88 [2.515]	46.13 [1.816]	57.91 [2.280]	68	787169-7
S	-	1.27 [.050]	37.69 [1.484]	50.29 [1.980]	52.45 [2.065]	34.70 [1.366]	46.48 [1.830]	50	787169-5
PC BOARD PATTERN	L	G	F	E	D	B	A	NO OF POSN	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm [INCHES]	TOLERANCES UNLESS OTHERWISE SPECIFIED:	DIN C. OBERMAN 4-8-94	STE
0 PLC ± -	1 PLC ± ±	4-26-94	TE Connectivity
2 PLC ± ± 0.13 [.005]	3 PLC ± ±		RECEPTACLE ASSEMBLY, SHIELDED, RIGHT ANGLE, .050 SERIES, AMPLIMITE
4 PLC ± ±	ANGLES ± ±		PRODUCT SPEC 108-1228
			APPLICATION SPEC 114-40029
MATERIAL	FINISH	WEIGHT	SIZE CAGE CODE DRAWING NO
1	2	A1	00779C=787169
		CUSTOMER DRAWING	RESTRICTED TO
		SCALE 4:1	SHEET 1 OF 1 REV T1