



- ① HOUSING: LCP, UL 94V-0 RATED, BLACK.
CONTACTS: PHOSPHOR BRONZE.
RETENTION LEG: BRASS.
- ② CONTACTS: 0.76µm GOLD FOR A LENGTH 1.20 MIN STARTING 0.50 MAX FROM MATING END,
3.81µm MIN TIN-LEAD FOR A LENGTH OF 3.43 MIN FROM OPPOSITE END, BOTH OVER
1.27µm MIN NICKEL.
- ③ RETENTION LEG: 3.81µm MIN TIN-LEAD OVER 1.27µm MIN NICKEL.
- ④ CONNECTOR WILL ACCOMMODATE MATING PRINTED CIRCUIT BOARD OF 1.60±0.07 THICKNESS.
- ⑤ POSITION TOLERANCE APPLIES AT CONTACT TIP ONLY.
- ⑥ CONTACTS 1, 36 THRU 40, 41 THRU 43, 45, 46 AND 75 THRU 80 ARE POSITIONED TOWARD THE MATING FACE. (FIRST MATE)
- ⑦ CONTACTS 2 THRU 35, 44, AND 47 THRU 74 ARE POSITIONED AWAY FROM THE MATING FACE. (SECOND MATE)
- ⑧ CONTACTS: 0.76µm GOLD FOR A LENGTH 1.20 MIN STARTING 0.50 MAX FROM MATING END,
3.81µm MIN MATTE TIN FOR A LENGTH OF 3.43 MIN FROM OPPOSITE END, BOTH OVER
1.27µm MIN NICKEL.
- ⑨ RETENTION LEG: 3.81µm MIN HALT TIN OVER 1.27µm MIN NICKEL.

RECOMMENDED PC BOARD
MOUNTING DIMENSIONS
COMPONENT SIDE
SCALE 4:1

SUPERCEDED BY 787311-5
OBSOLETE

FINISH	J	POSN	PART NUMBER
⑧ ⑨	4.57	80	787311-5
⑧ ⑨	3.18	80	787311-4
② ③	4.57	80	787311-3
② ③	3.18	80	787311-2
② ③	3.18	80	787311-1

THIS DRAWING IS A CONTROLLED DOCUMENT.		DIN C. DORWART 06/06/95	Tyco Electronics Corporation Harrisburg, Pa 17105-3608	
DIMENSIONS: mm		CHK R. STONE 06/16/95	APVD M. RUPERT 06/16/95	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME RECEPTACLE ASSEMBLY, VERTICAL, CHAMP™, BLINDMATE .050 SERIES I		
0 PLC ± -	1 PLC ± ±	PRODUCT SPEC 108-1548		
2 PLC ± ±	3 PLC ± ±	APPLICATION SPEC 114-6061		
4 PLC ± ±	ANGLES ± ±	SIZE A1		
MATERIAL ①		FINISH SEE TABLE		WEIGHT -
		CUSTOMER DRAWING		RESTRICTED TO -
		SCALE 5:1		SHEET 1 OF 1
		REV N1		