



RECOMMENDED PC BOARD LAYOUT
 CONNECTOR SIDE OF PC BOARD

- ⚠ MATERIAL:
 HOUSING: POLYESTER, UL 94V-0 RATED, BLACK.
 SHELL: CARBON STEEL.
 CONTACTS: PHOS. BRONZE.
 SCREWLOCKS: ZINC
 INSERTS: BRASS
- ⚠ FINISH:
 SHELL: 5.08um [.000200] MIN TIN OVER 2.54um [.000100] MIN COPPER.
 CONTACTS: SEE TABLE.
- ⚠ GOLD FLASH FOR A LENGTH OF 2.54[.100] MIN FROM MATING END, 2.54um [.000100] MIN TIN ON OPPOSITE END, OVER 1.27um [.000050] MIN NICKEL.
- ⚠ 0.76um [.000030] MIN GOLD FOR A LENGTH OF 2.54 [.100] MIN FROM MATING END, 2.54um [.000100] MIN TIN ON OPPOSITE END, OVER 1.27um [.000050] MIN NICKEL.
- ⚠ DATUMS AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER.
- ⚠ 2.79[.110] MAX IN SHELL TAB CLINCH AREAS.

W/FEMALE SCREWLOCKS PER DETAIL E	4	4.32 [.170]	1-5747150-6
	4	3.18 [.125]	1-5747150-4
	3	3.18 [.125]	1-5747150-3
W/THREADED INSERTS PER DETAIL D	4	4.32 [.170]	5747150-9
	4	3.18 [.125]	5747150-8
	3	3.18 [.125]	5747150-7
WO/FEMALE SCREWLOCKS OR THREADED INSERTS AS SHOWN	4	4.32 [.170]	5747150-4
	4	3.18 [.125]	5747150-2
HARDWARE OPTIONS	CONTACTS FINISH	C	PART NO

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: MM [INCHES]	TOLERANCES UNLESS OTHERWISE SPECIFIED:	DWG: B. MCMASTER 18MAY05	CHK: S. BOLASH 18MAY05	APVD: M. WALMSLEY 18MAY05	NAME: RECEPTACLE ASSEMBLY, SIZE 1, 9 POSITION FRONT METAL SHELL, WITH OR WITHOUT SCREWLOCKS OR INSERTS.
0 PLC ± -	1 PLC ± -	2 PLC ± 0.13 [.005]	3 PLC ± -	4 PLC ± -	PRODUCT SPEC: 108-40025
MATERIAL: 1				FINISH: 2	APPLICATION SPEC: 114-40023
CUSTOMER DRAWING		SCALE: 4:1	SHEET: 1 OF 1	REV: A1	RESTRICTED TO: -

STE TE Connectivity