



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	3	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:	0 PLC ± -	1 PLC ± -	2 PLC ± 0.13 [.005]	3 PLC ± -	4 PLC ± -	ANGLES ± -
-------------------------	--	-----------	-----------	---------------------	-----------	-----------	------------

DIN: B. MCMASTER 18MAY05
CHK: S. BOLASH 18MAY05
APVD: M. WALMSLEY 18MAY05

NAME: RECEPACLE ASSEMBLY, SIZE 1, 9 POSITION FRONT METAL SHELL, WITH OR WITHOUT SCREWLOCKS OR INSERTS.

PRODUCT SPEC: 108-40025
APPLICATION SPEC: 114-40023

SIZE: A1
CAGE CODE: 00779
DRAWING NO: 5747150
RESTRICTED TO: -

CUSTOMER DRAWING
SCALE: 4:1
SHEET: 1 OF 1
REV: A1