



RECOMMENDED PCB LAYOUT

- NOTES:
- MATERIAL:  
SHELL: SPCC  
HOUSING: THERMOPLASTIC, GLASS FIBER FILLED, UL 94V-0 RATED, COLOR BLACK.  
CONTACT: BRASS
  - PLATING:  
TERMINAL:  
CONTACT AREA: GOLD(Au)  
THICKNESS=30 MICROINCH MINIMUM.  
SOLDER TAIL: TIN(Sn), ALLOY,  
THICKNESS=120 MICROINCH MINIMUM.  
UNDER PLATED: NICKEL(Ni), THICKNESS=50 MICROINCH MINIMUM.  
METAL SHELL:  
NICKEL(Ni), THICKNESS=120 MICROINCH MINIMUM.  
UNDER PLATE: COPPER(Cu), THICKNESS=50 MICROINCH MINIMUM.
  - RECOMMENDED PCB THICKNESS: 1.20~1.60mm
  - PRODUCT SPECIFICATION: REFER TO PS-48037-001
  - PACKAGE SPECIFICATION: SEE TABLE
  - TEST SUMMARY :REFER TO TS-48037-001

48037-2000	T&R	PK-48037-200	
48037-1000	TRAY	PK-48037-001	
MOLEX P/N	PACKAGE	PACKAGE SPEC.	REMARK

ADD NEW P/N AND UPDATE PLATING SPEC. EC NO:SH2005-0163 DRWN: KEVIN CHANG CHK: KEVIN CHANG APPR: RTM EC NO:T2004-0067 DRWN: KEVIN CHANG CHK: SAM SHIN APPR: ERICK LAN	QUALITY SYMBOLS MAJOR $\blacktriangledown$ +0 CRITICAL $\nabla$ +0	GENERAL TOLERANCES: (UNLESS SPECIFIED)	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION DIMENSIONS: <input type="checkbox"/> mm <input type="checkbox"/> INCH <input type="checkbox"/> mm <input checked="" type="checkbox"/> INCH ONLY	SHT	REV
		4 PLACES \ . \ . 3 PLACES \ . \ . 2 PLACES ±0.25 ±0.010 1 PLACE ±0.25 ±0.010	mm INCH DRAWN BY & DATE COLIN DUAN 030822 CHECKED BY & DATE SAM SHIN 030822 APPROVED BY & DATE WILSON CHANG 030822	mm INCH TITLE: USB A TYPE PLUG R/A CONNECTOR(SMT)			
		ANGULAR: ±3°	CAD FILENAME S4803702.MI	MATERIAL NO. SEE TABLE		DRAWING NO. SD-48037-002	SHEET NO. 1 OF 1
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.			SIZE A3	