



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



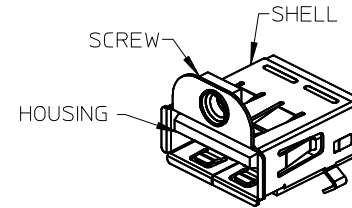
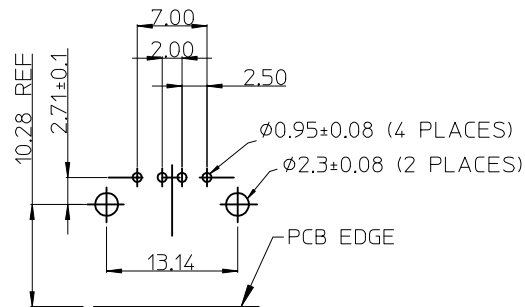
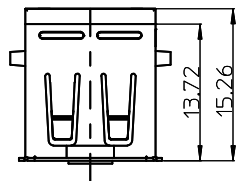
## Contact us

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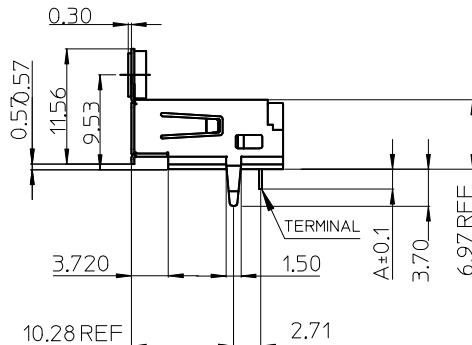
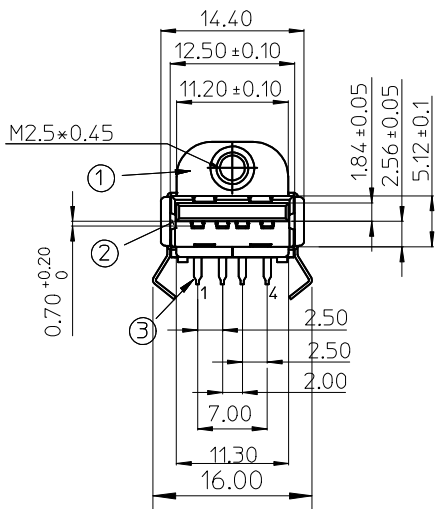
Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China





PCB LAYOUT (BOTTOM VIEW)



NOTES:

1. MATERIAL:

- ① METAL SHELL: COPPER ALLOY. SCREW: BRASS
- ② HOUSING: SEE CHART, 30% GLASS FIBER FILLES, UL94-V0.
- ③ TERMINAL: PHOSPHOR BRONZE

2. PLATING:

TERMINAL:

CONTACT AREA: (a) GOLD FLASH.

(b) GOLD (Au), THICKNESS=0.76 μM/30MNCH MINIMUM.

SOLDER TAIL: TIN PLATED, THICKNESS=1.875 μM/75MNCH MINIMUM.

UNDER PLATED: NICKEL (Ni), THICKNESS=1.25 μM/50MNCH MINIMUM.

METAL SHELL: SEE CHART.

3. RECOMMENDED PCB THICKNESS: SEE CHART

4. PRODUCT SPECIFICATION: FOR IR REFER TO PS-67643-002

FOR NON IR REFER TO PS-67643-003

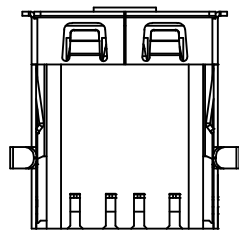
5. TORQUE FORCE SPEC: 2.50kg-cm Min, MEASURED AT BROKEN POINT.

6. TEST SUMMARY: FOR IR REFER TO TS-67643-002

FOR NON IR REFER TO TS-67643-003

7. PACKAGE: REFER TO PK-67643-002

8. LEAD FREE AND ROHS COMPLIANCE PRODUCT



REVISED EC NO: DRWN: FYANG05 CHKD: APPR:	DESCRIPTION 2013/05/09	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
		▼=0 ▽=0	mm    INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.25 ± --- 1 PLACE ± 0.25 ± --- ANGULAR ± 3 °	MM ONLY	1:1	METRIC	
				DRAWN BY IVY-LIN	DATE 2005/04/01	TITLE USB A TYPE RCPT SGL RA THRHOLE WITH UPPER FLG (LEAD-FREE VERSION)	
				CHECKED BY ALL IN	DATE 2005/04/01		
APPROVED BY WWSCHANG	DATE 2005/04/01	MOLEX INCORPORATED					
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	MATERIAL NO. SEE SHEET2	DOCUMENT NO. SD-67643-004	SHEET NO. 1 OF 2	
				SIZE A4	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		

7                      6                      5                      4                      3                      2                      1

P/N	HOUSING MATERIAL	COLOR	CONTACT PLATING	METAL SHELL PLATING	REMARK
67643-0990	POLYESTER	BLACK	GOLD FLSAH	IR REFLOW PROCESS MATTE TIN PLATED AT SOLDER AREA THICKNESS=2.54 μM/100μMCH UNDER PLATE:NICKEL (Ni),(SOLDERING AVAILABLE)	NON IR
67643-1990	POLYESTER	WHITE			REFLOW PROCESS
67643-2990	HIGH TEMPERATURE NYLON	BLACK	FOR IR		
67643-3990	HIGH TEMPERATURE NYLON	WHITE	REFLOW PROCESS		
67643-0991	POLYESTER	BLACK	GOLD PLATING 0.76 μM/30μMCH	NON IR REFLOW PROCESS: MATTE TIN PLATED. THICKNESS=2.00 μM/80μMCH UNDER PLATE:NICKEL (Ni).	NON IR
67643-1991	POLYESTER	WHITE			REFLOW PROCESS
67643-2991	HIGH TEMPERATURE NYLON	BLACK			FOR IR
67643-3991	HIGH TEMPERATURE NYLON	WHITE			REFLOW PROCESS
PCB THICKNESS		1.60±0.05			
DIMENSION "A"		2.60			

P/N	HOUSING MATERIAL	COLOR	CONTACT PLATING	METAL SHELL PLATING	REMARK
67643-0980	HIGH TEMPERATURE NYLON	BLACK	GOLD FLSAH	IR REFLOW PROCESS MATTE TIN PLATED AT SOLDER AREA THICKNESS=2.54 μM/100μMCH UNDER PLATE:NICKEL (Ni),(SOLDERING AVAILABLE)	FOR IR
67643-1980	HIGH TEMPERATURE NYLON	WHITE			REFLOW PROCESS
67643-0981	HIGH TEMPERATURE NYLON	BLACK	GOLD PLATING 0.76 μM/30μMCH		
67643-1981	HIGH TEMPERATURE NYLON	WHITE			
PCB THICKNESS		1.20±0.05			
DIMENSION "A"		2.00			

<b>REVISED</b> ECT NO: DRWN:FYANG05 CHKD: APPR:	2013/05/09 DESCRIPTION REV	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
		▽=0 ◻=0	mm      INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.25 ± --- 1 PLACE ± 0.25 ± --- ANGULAR ± 3 °	MM ONLY	1:1	METRIC	DRAWN BY DATE IVY-LIN 2005/04/01 CHECKED BY DATE ALL IN 2005/04/01 APPROVED BY DATE WWSCHANG 2005/04/01 MATERIAL NO.	TITLE USB A TYPE RCPT SGL RA THRHOLE WITH UPPER FLG (LEAD-FREE VERSION)
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE	MOLEX INCORPORATED DOCUMENT NO. SD-67643-004		SHEET NO. 2 OF 2	
				SIZE A4	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

6                      5                      4                      3                      2                      1