

10 9 8 7 6 5 4 3 2 1

NOTES :

1. MATERIAL :

HOUSING : HIGH TEMPERATURE NYLON ,GLASS FIBER,UL94-V0 , COLOR: BLACK
 TERMINAL : PHOSPHOR BRONZE(PbBr), C5100 EH, PER ES-I24-E108
 METAL SHELL : COPPER ALLOY

2. PLATING :

TERMINAL :

CONTACT AREA : (a) GOLD FLASH.

(b) GL0D (Au), THICKNESS = 30 MICROINCH/0.76 MICROMETER

SOLDER TAIL : TIN ,

THICKNESS=50~100 MICROINCH/1.27~2.54 MICROMETER

UNDER PLATE : NICKEL (Ni), THICKNESS= 50 MICROINCH/1.27 MICROMETER

METAL SHELL : TIN ,

THICKNESS=50~100 MICROINCH/1.27~2.54 MICROMETER

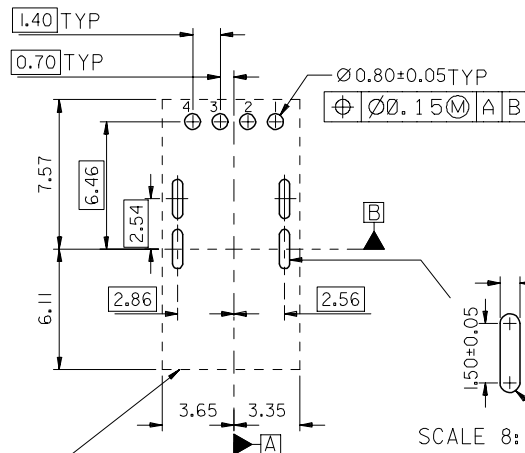
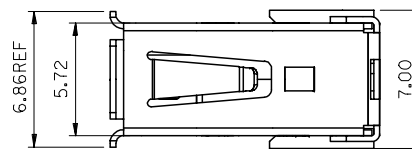
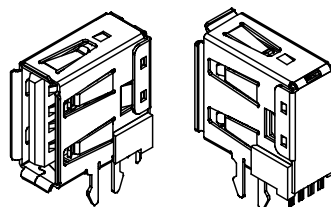
UNDER PLATE : NICKEL (Ni), THICKNESS= 50 MICROINCH/1.27 MICROMETER

SURFACE APPEARANCE :BRIGHT

3 RECOMMENDED PCB THICKNESS : 1.60±0.05 mm.

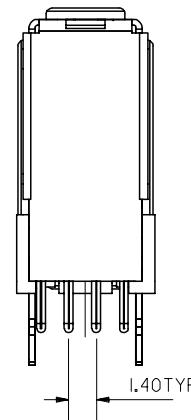
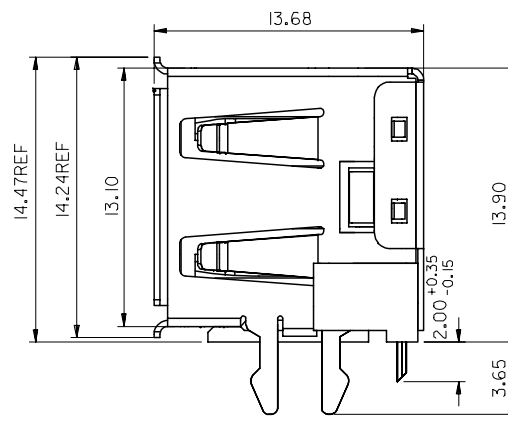
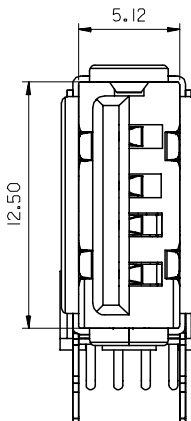
4 PRODUCT SPECIFICATION : REFER TO PS-89485

5 PACKAGING SPECIFICATION : REFER TO PK-67329-001



SCALE 8:1

FULL R TYPE



THE EDGE OF THE CONNECTOR

PART NUMBER LEGEND:

P/N	CONTACT PLATING
47500-0020	GOLD FLASH
47500-0021	0.76 MICROMETER/30 MICROINCH GOLD

LEAD FREE PART	EC NO: SH2005-0144	2004/12/07
DRWNR:Zhang	2004/12/07	
CHKD:HARVEY	2004/12/07	
APPR:YTYAP	2004/12/07	
REV	DESCRIPTION	
A		

QUALITY SYMBOLS
▽=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.25	± ---
1 PLACE	± 0.25	± ---
	ANGULAR ± 2 °	

DRAFT WHERE APPLICABLE
 MUST REMAIN
 WITHIN DIMENSIONS

DIMENSION STYLE MM ONLY

DRAWN BY	DATE
RZHANG	2004/11/09
CHECKED BY	DATE
HARVEY	2004/11/09
APPROVED BY	DATE
VINCENT	2004/11/09
MATERIAL NO.	

SCALE
 4:1

DESIGN UNITS
 METRIC

THIRD ANGLE
 PROJECTION

TITLE
 USB A UPRIGHT CONNECTOR
 FLANGE OUT TYPE
 WITH FORK LOCK LEAD FREE

MOLEX INCORPORATED

DOCUMENT NO.
 SD-47500-001

SHEET NO.
 1 OF 1

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