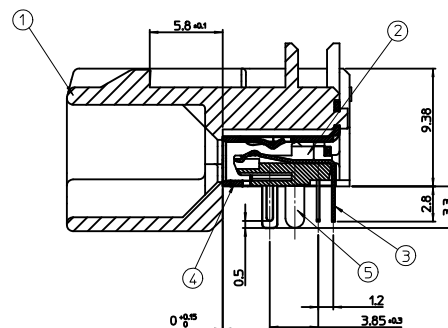
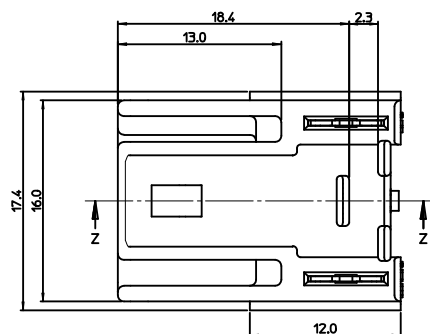
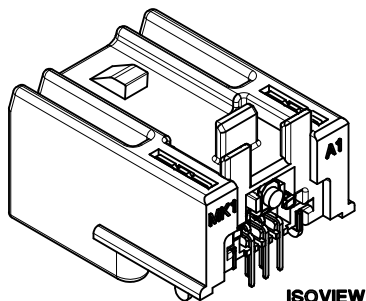
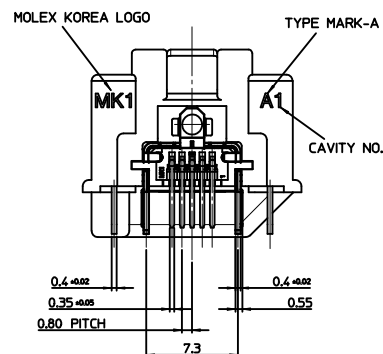
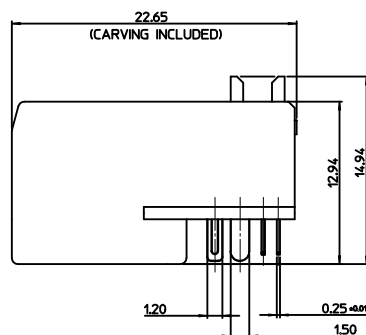
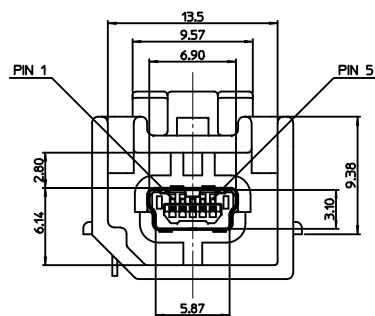
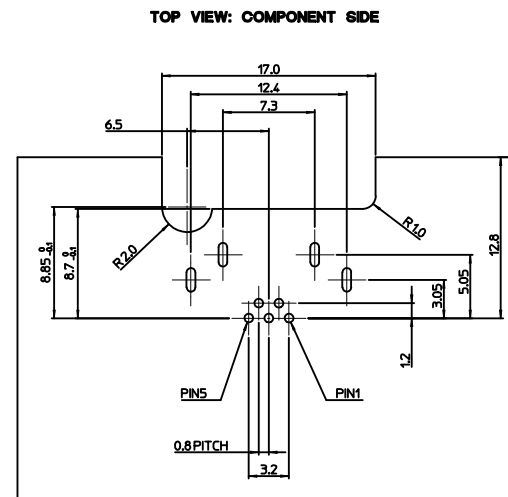
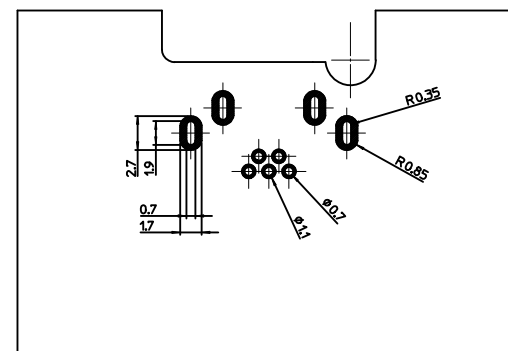




SECTION Z-Z



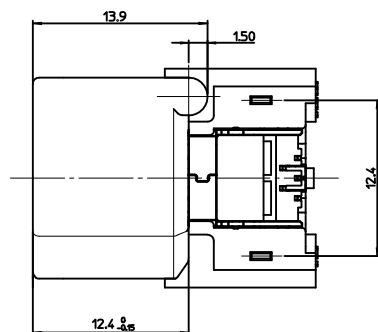
BOTTOM VIEW: SOLDER SIDE



RECOMMENDED PCB LAYOUT

NOTES

- MATES WITH :
(MOLEX SERIES NO. : 111014, 111015, 111005, 111041, 111019, 111020)
- SHROUD GEOMETRY AND ASSEMBLY WITH USB MINI-B CONNECTOR ARE ACCORDING TO USCAR STD 999-U-USB-Z01
- FINISHES
 - TERMINAL :
CONTACT AREA : GOLD 0.75μm MIN.
SOLDER TAIL AREA : TIN 3.8μm MIN.
UNDER PLATING : NI 1.25μm MIN.
 - SHIELD CASE :
3.0μm MIN. TIN OVER NI 1.0μm MIN.
 - FITTING NAIL :
3.0μm MIN. TIN OVER NI 1.0μm MIN.
- UNLESS OTHERWISE SPECIFIED, TYPICAL RECOMMENDED PCB MANUFACTURING TOLERANCE IS ±0.05
- PCB THICKNESS : 1.6mm(REFERENCE)



<PART LIST>

NO.	PART NAME	MATERIALS
①	SHROUD	SPS, GLASS FILLED, UL94 HB
②	REC. HOUSING	LCP, GLASS FILLED, UL94 V-0
③	TERMINAL	COPPER ALLOY
④	SHIELD CASE	PHOSPHOR BRONZE
⑤	FITTING NAIL	BRASS

<TABLE 1>

MATERIAL NO.	ORDER NO.	COLOR
1040870701	104087-0701	BLACK

NEW RELEASED EC NO: KTR2012-0028 DRAWN BY: DFWNHHMOON CHECKED BY: CHKDBCYOON APPROVED BY: YUNSIKKIM DATE: 2011/10/05 DATE: 2011/10/05 DATE: 2011/10/07	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 5:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
		4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.15 ± --- 1 PLACE ± 0.25 ± --- ANGULAR ± 3°		DRAWN BY: BCYOON DATE: 2011/05/20 CHECKED BY: BCYOON DATE: 2011/05/20 APPROVED BY: YUNSIKKIM DATE: 2011/10/07		TITLE HSAUTOLINK R/A HEADER TYPE-OPTION A		
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE 1		MOLEX INCORPORATED SD-104087-002		
		MATERIAL NO.		DOCUMENT NO.		SHEET NO. 1 OF 1		