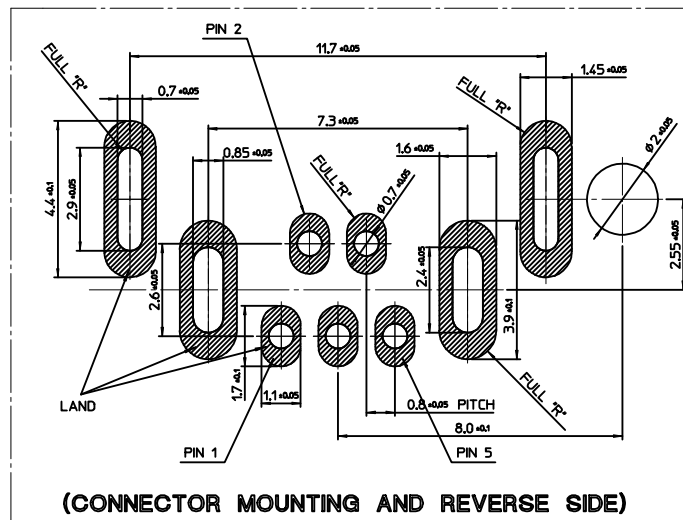
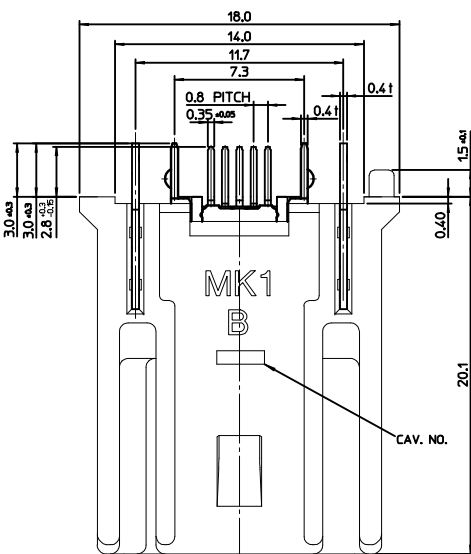
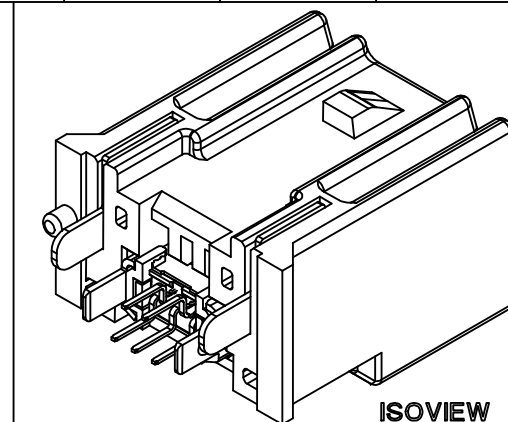




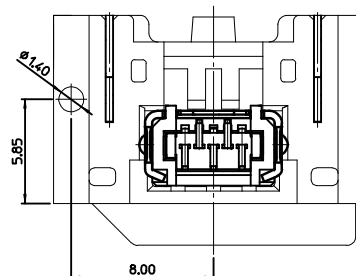
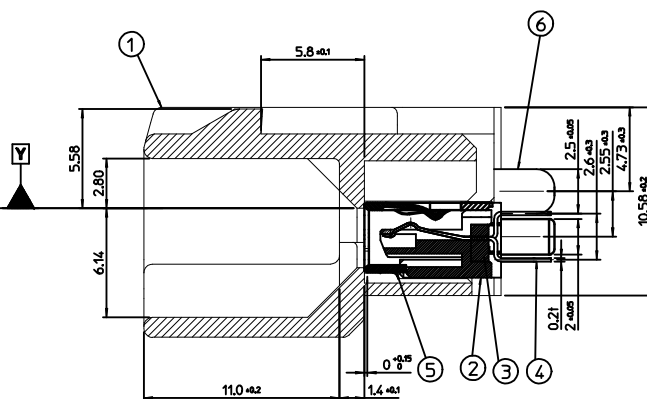
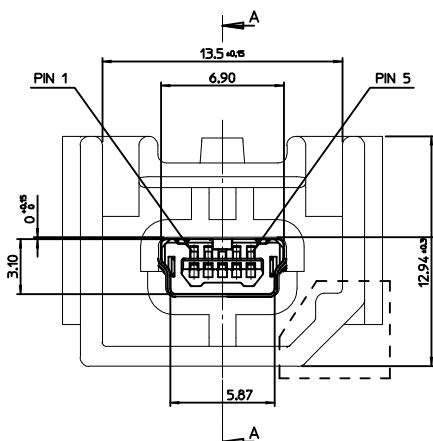
(CONNECTOR MOUNTING AND REVERSE SIDE)

RECOMMENDED PCB LAYOUT



NOTE

- 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 : Au 0.75 μ m MIN.
SOLDER TAIL AREA : TIN 3.8 μ m MIN.
UNDER PLATING : NI 1.0 μ m MIN.
 - SHIELD CASE :
3.0 μ m MIN. TIN OVER NI 1.0 μ m MIN.
 - FITTING NAIL :
3.0 μ m MIN. TIN OVER NI 1.0 μ m MIN.
- UNLESS OTHERWISE SPECIFIED, TYPICAL RECOMMENDED PCB MANUFACTURING TOLERANCE IS ± 0.05
- PACKAGING IS TRAY :
(48 PCS/TRAY, 5 TRAY/TRAY BOX, 240 PCS/TRAY BOX, 960 PCS/CARTON BOX)
- PACKAGING IS EMBOSS : PK-104004-005
- PRODUCT SPECIFICATION : PS-49616-001
- PACKAGING INFORMATION : SEE TABLE
- PCB THICKNESS : 2.36mm(REFERENCE)



<TABLE 1>

MATERIAL NO.	ORDER NO.	COLOR	PACKING	PACKING INFO.
1040040905	104004-0905	GRAY	TRAY	PK-104004-003
1040040803	104004-0803	GRAY	T&R	PK-104004-005

<PARTS LIST>

NO.	PART NAME	MATERIAL
1	SHROUD-B	LCP, GLASS FILLED, UL94 V-0
2	RECEPTACLE HOUSING	LCP, GLASS FILLED, UL94 V-0
3	CONTACT HOUSING	LCP, GLASS FILLED, UL94 V-0
4	CONTACT TERMINAL	COPPER ALLOY
5	SHIELD CASE	PHOSPHOR BRONZE
6	BOARD LOCKS PIN	BRASS

REVISED	EC NO: KTR2018-0005	DRAWN: JMK W02	DATE: 2017/08/23	CHKD: CHKO	APPR: JHANG	DATE: 2017/08/31	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	TITLE	SHEET NO.
B									mm	INCH	DRAWN BY	DATE	TITLE	USCAR USB MINI B CONN VERTICAL B (LONG TERMINAL VERSION)	1 OF 1
									4 PLACES $\pm$ ---	$\pm$ ---	S.M.KIM	2009/06/17	DATE	MOLEX INCORPORATED	
									3 PLACES $\pm$ 0	$\pm$ ---	CHECKED BY	DATE	B.C.YOON	2009/06/17	
									2 PLACES $\pm$ 0.15	$\pm$ ---	APPROVED BY	DATE	JYCHOI	2013/01/07	
									1 PLACE $\pm$ 0.25	$\pm$ ---	MATERIAL NO.	DATE	SD-104004-007		
									ANGULAR $\pm$ 1°		SEE TABLE 1	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			
									DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE	A2			