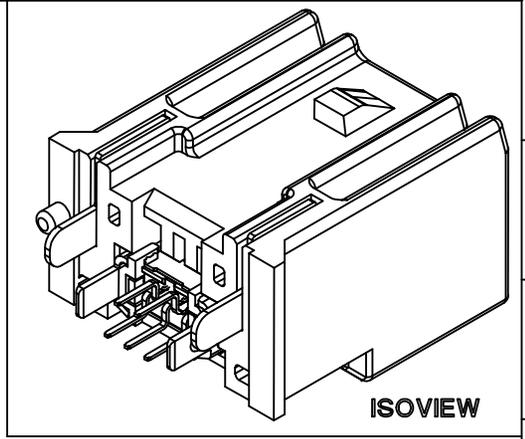
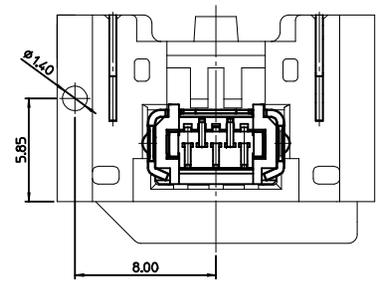
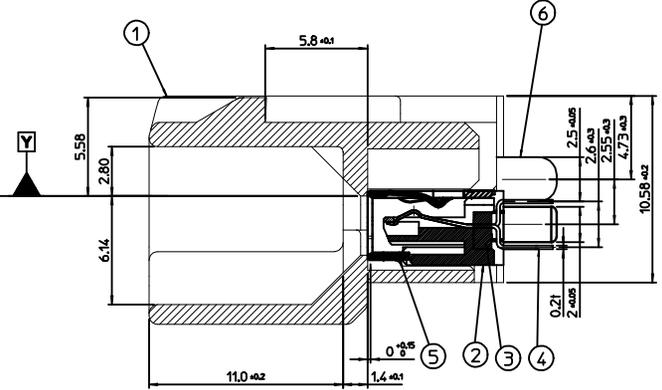
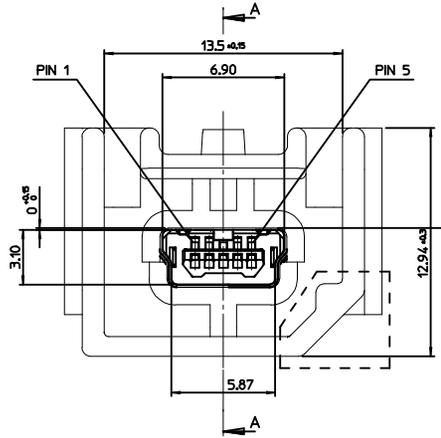


RECOMMENDED PCB LAYOUT



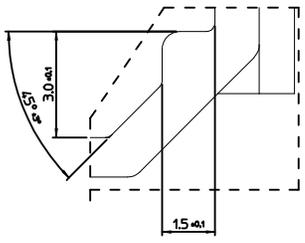
NOTE

- 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)
- PRODUCT SPECIFICATION : PS-49616-001
- PACKAGING INFORMATION : PK-104004-003
- PCB THICKNESS : 2.36mm(REFERENCE)



<TABLE 1>

MATERIAL NO.	ORDER NO.	COLOR
1040040905	104004-0905	GRAY



<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: KTR2015-0098
DRAWN/BAEK 2015/04/27
CHKD:
APPR: JYCHOI 2015/05/04
REV

QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	
	mm	INCH
▽=0	4 PLACES ±---	±---
▽=0	3 PLACES ±0	±---
	2 PLACES ±0.15	±---
	1 PLACE ±0.25	±---
	ANGULAR ± 1°	
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	

DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
MM ONLY		5:1	METRIC	THIRD ANGLE PROJECTION
DRAWN BY	DATE	TITLE		
S.M.KIM	2009/06/17	USCAR USB MINI B CONN VERTICAL B (LONG TERMINAL VERSION)		
CHECKED BY	DATE	MOLEX INCORPORATED		
B.C.YOON	2009/06/17	MATERIAL NO. SD-104004-007		
APPROVED BY	DATE	DOCUMENT NO.		
JYCHOI	2013/01/07	SEE TABLE 1		
MATERIAL NO.		SHEET NO.		
SEE TABLE 1		1 OF 1		

DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
MM ONLY		5:1	METRIC	THIRD ANGLE PROJECTION
DRAWN BY	DATE	TITLE		
S.M.KIM	2009/06/17	USCAR USB MINI B CONN VERTICAL B (LONG TERMINAL VERSION)		
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APPROVED BY	DATE	DOCUMENT NO.		
JYCHOI	2013/01/07	SEE TABLE 1		
MATERIAL NO.		SHEET NO.		
SEE TABLE 1		1 OF 1		