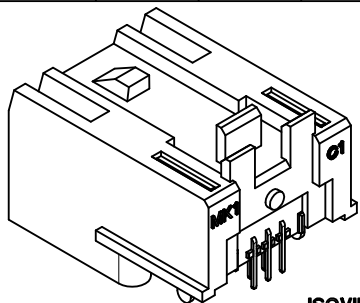
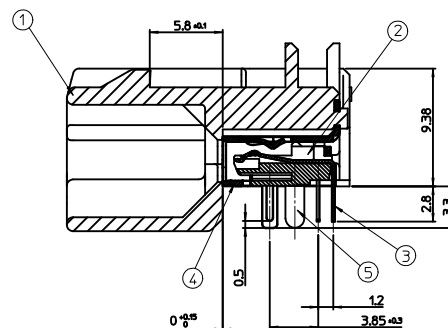
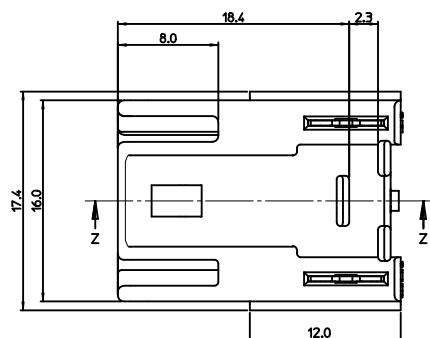


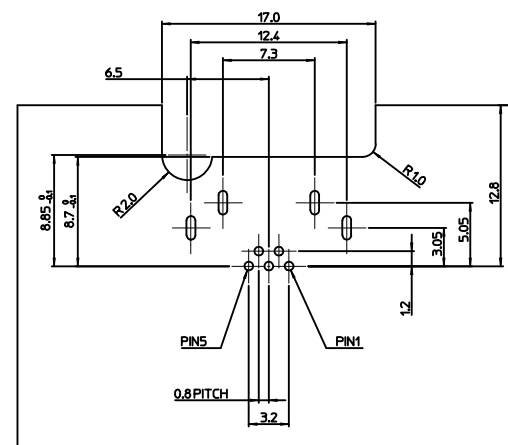


ISOVIEW

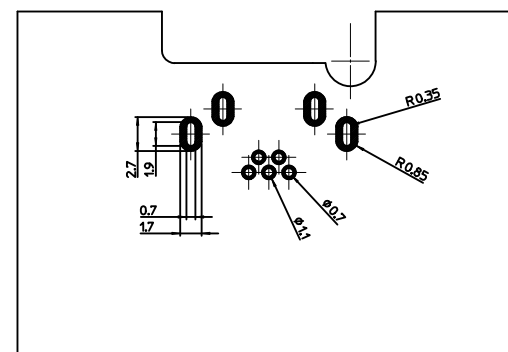


SECTION Z-Z

TOP VIEW: COMPONENT SIDE



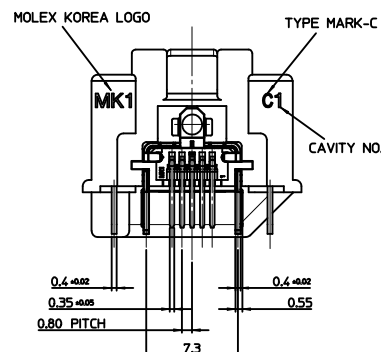
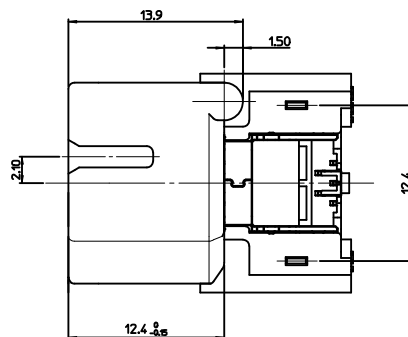
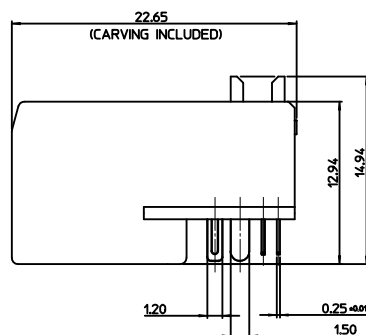
BOTTOM VIEW: SOLDER SIDE



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)



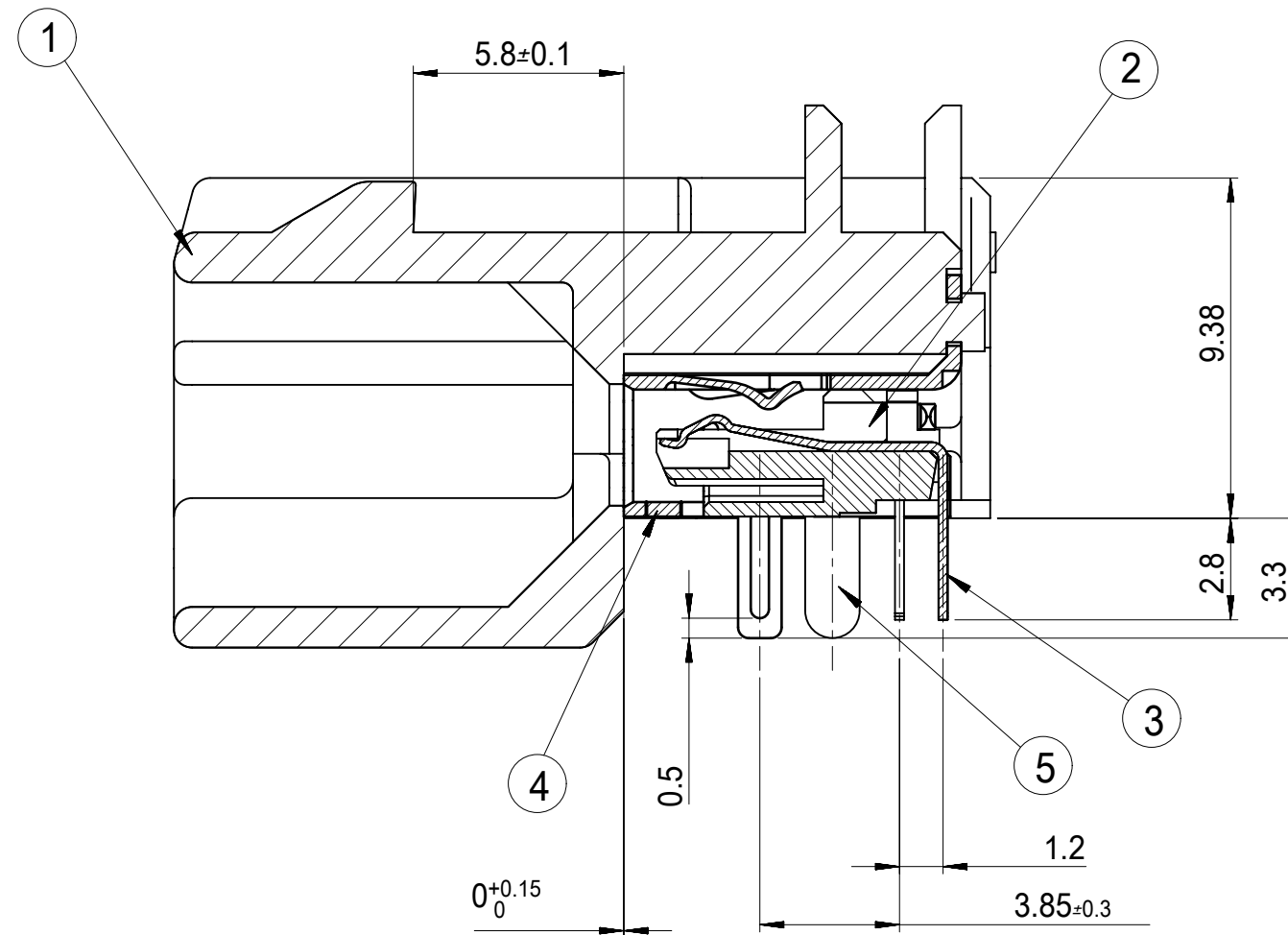
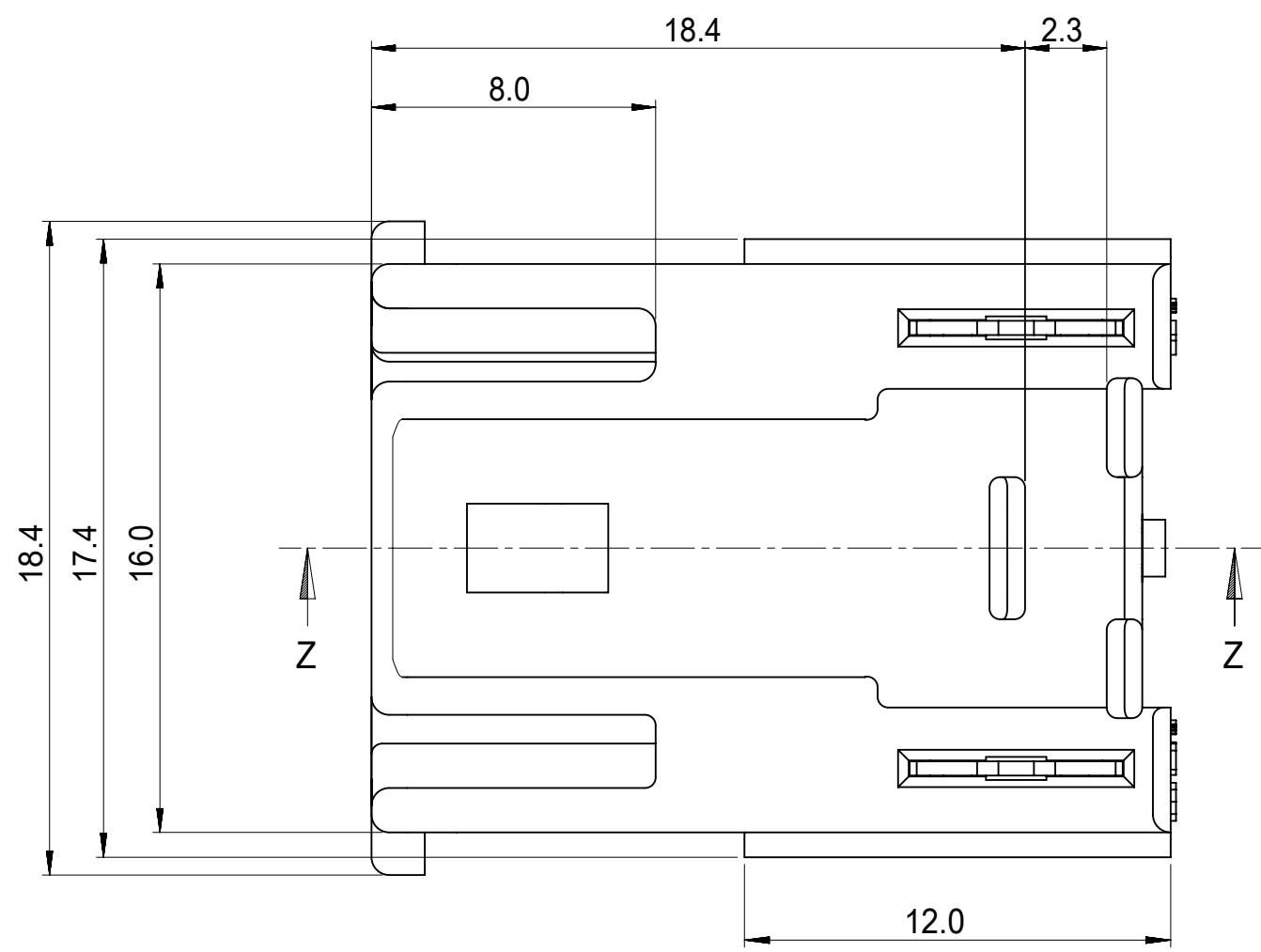
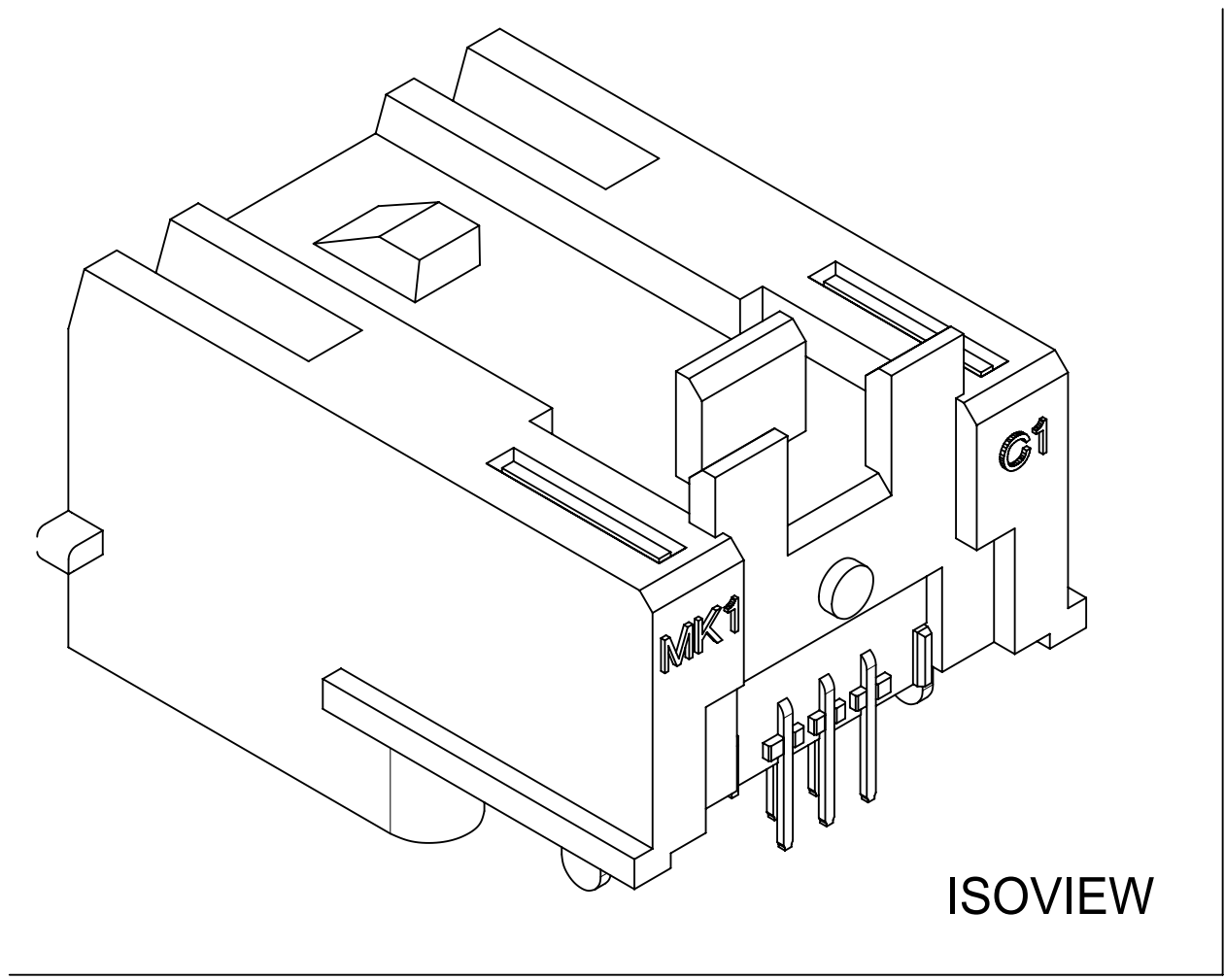
<PART LIST>

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

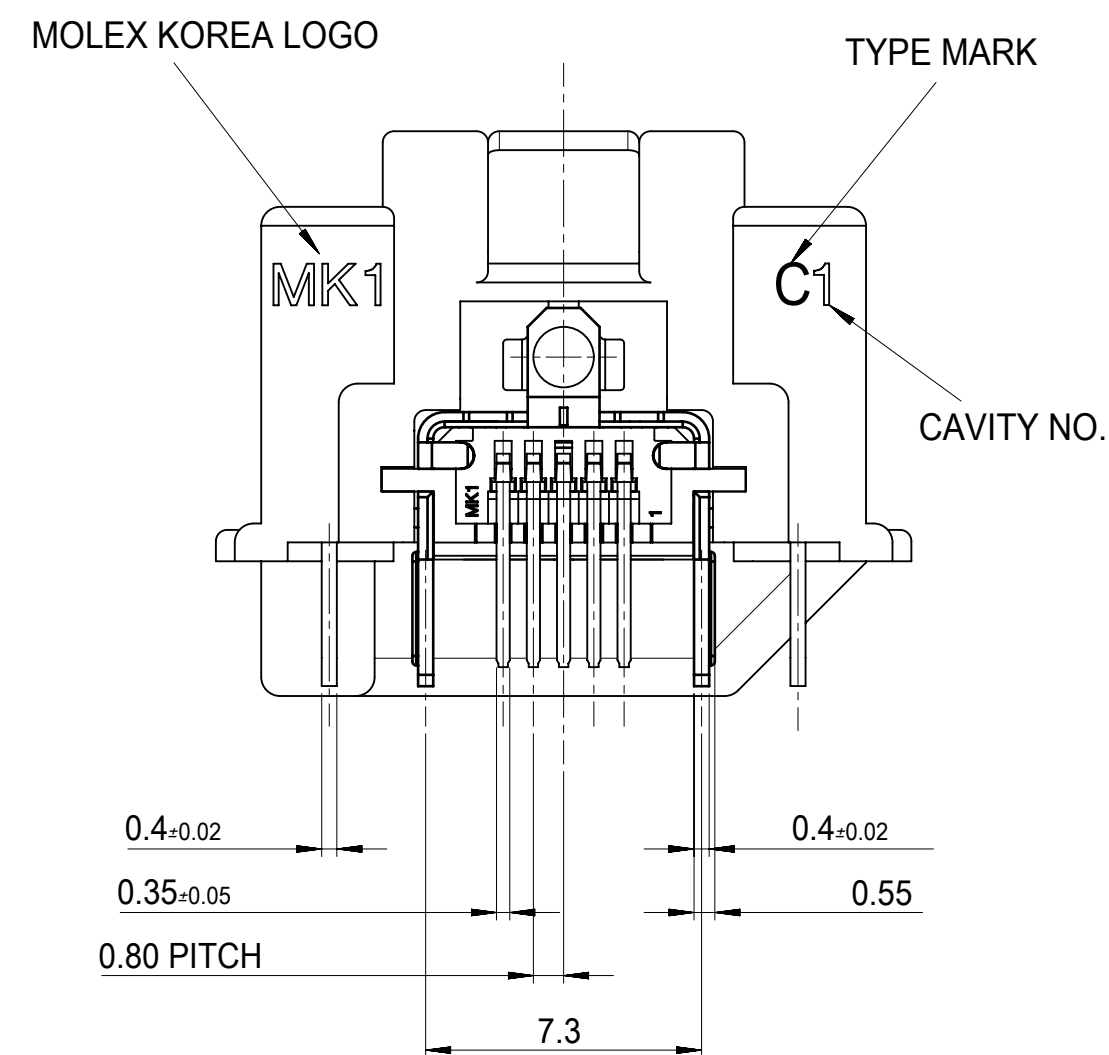
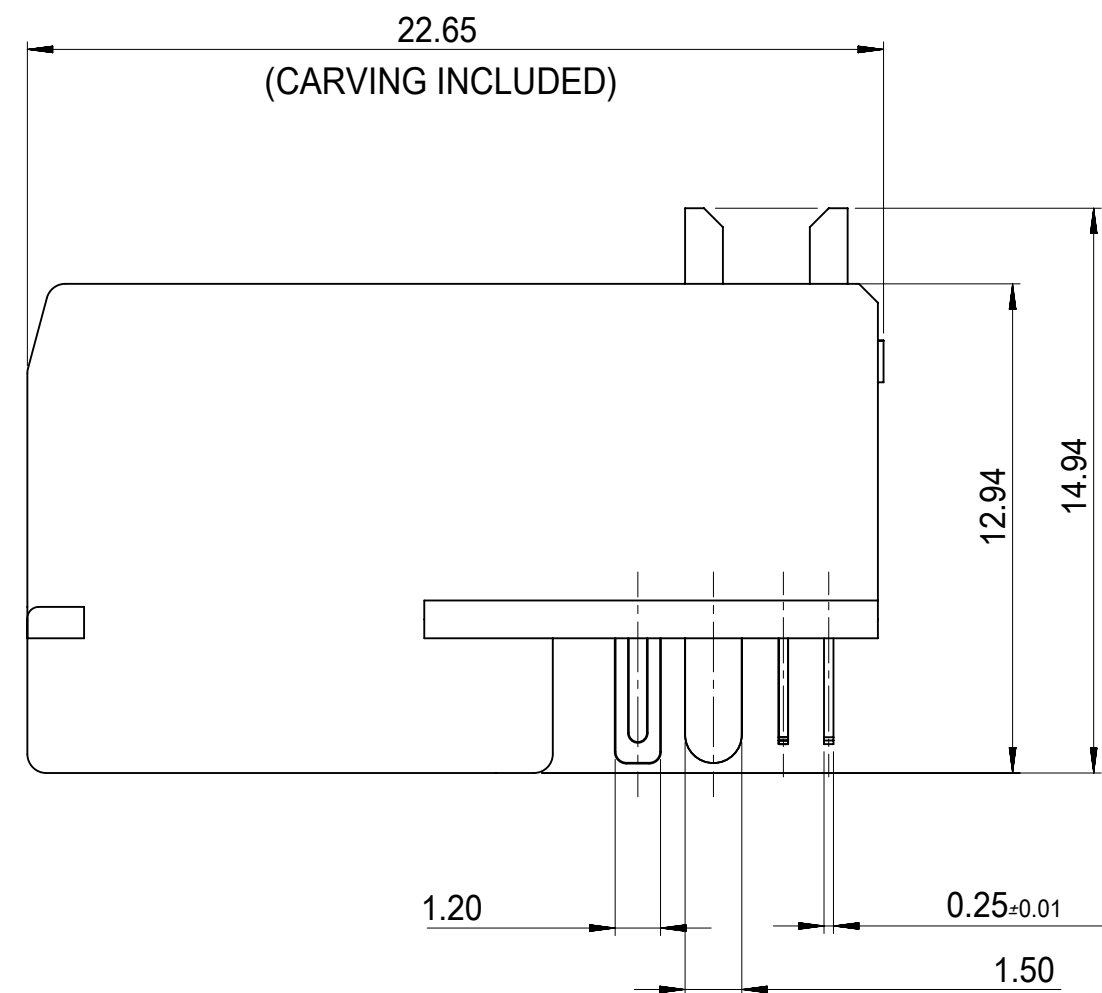
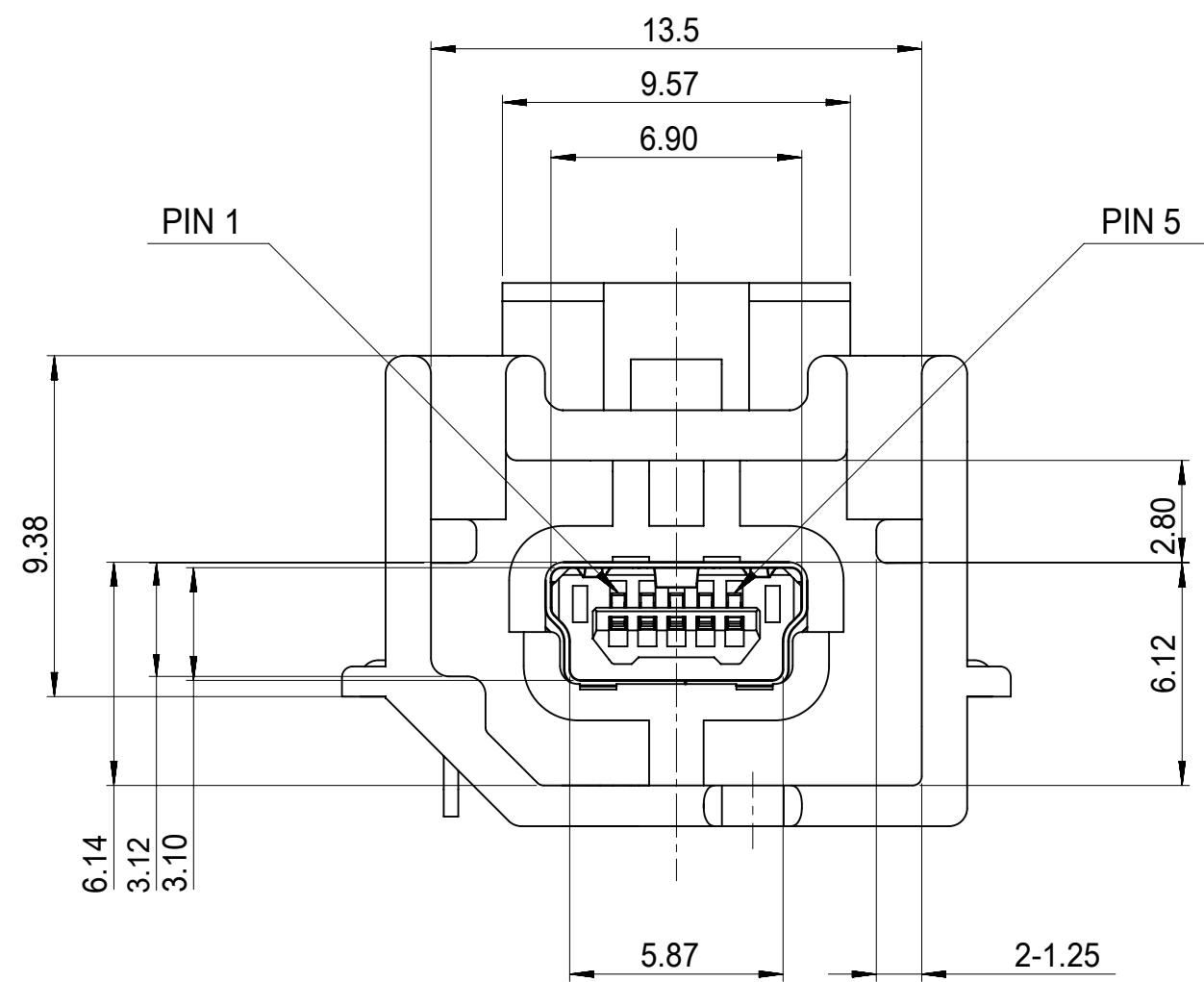
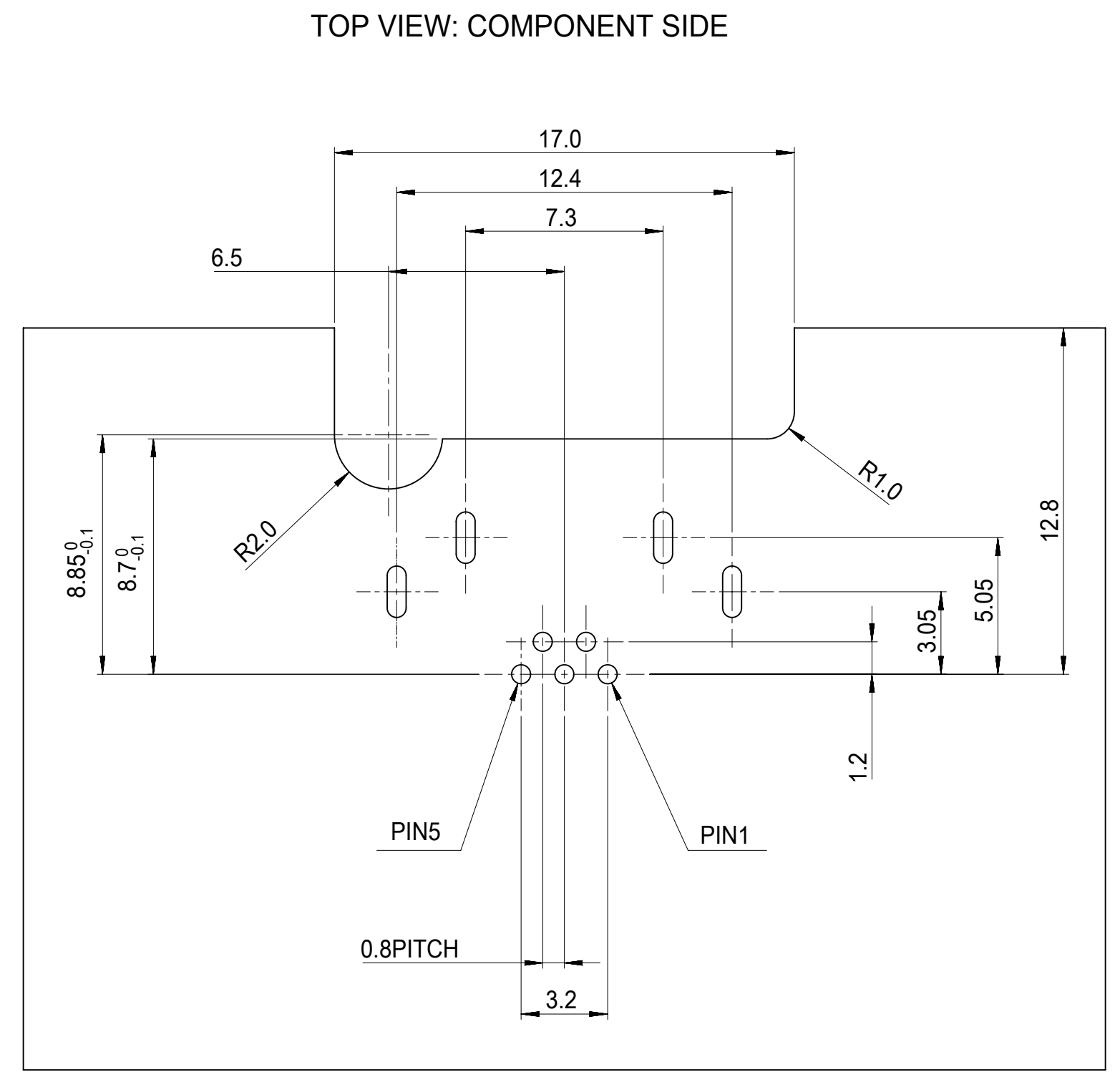
<TABLE 1>

MATERIAL NO.	ORDER NO.	COLOR
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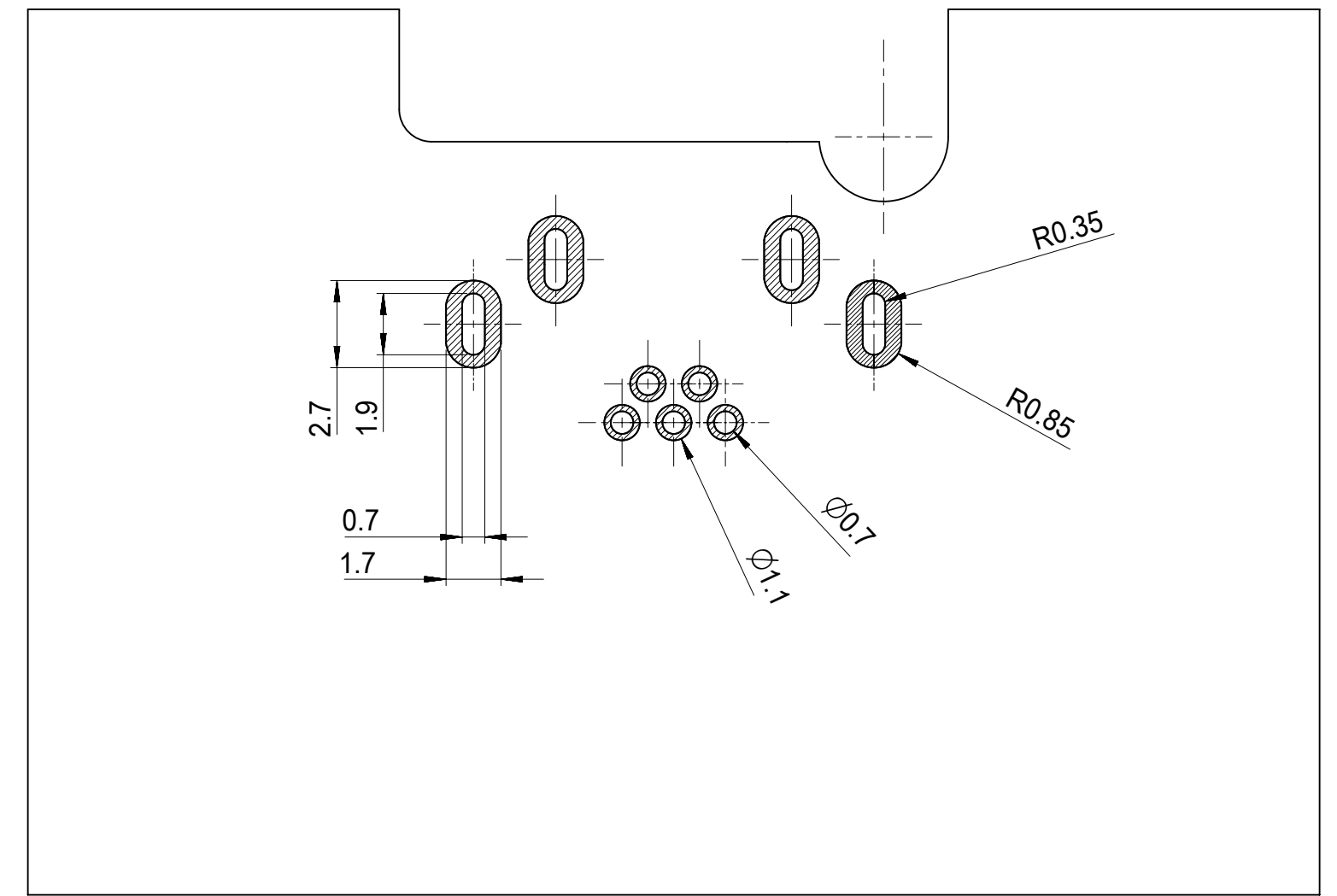
NEW RELEASE EC NO: KTR2012-0035 DRAWN BY: CHKDCBYOON CHECKED BY: JHBAE APPR: JHBAE DATE: 2012/05/04	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.15 ± --- 1 PLACE ± 0.25 ± --- ANGULAR ± 3 °		DIMENSION STYLE MM ONLY DRAWN BY: BGYOON DATE: 2010/01/20 CHECKED BY: BGYOON DATE: 2010/01/20 APPROVED BY: JHBAE DATE: 2012/05/04		SCALE 5:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS						
		SEE TABLE 1						
		MATERIAL NO. SD-104087-004 DOCUMENT NO. 1 OF 00						



SECTION Z-Z

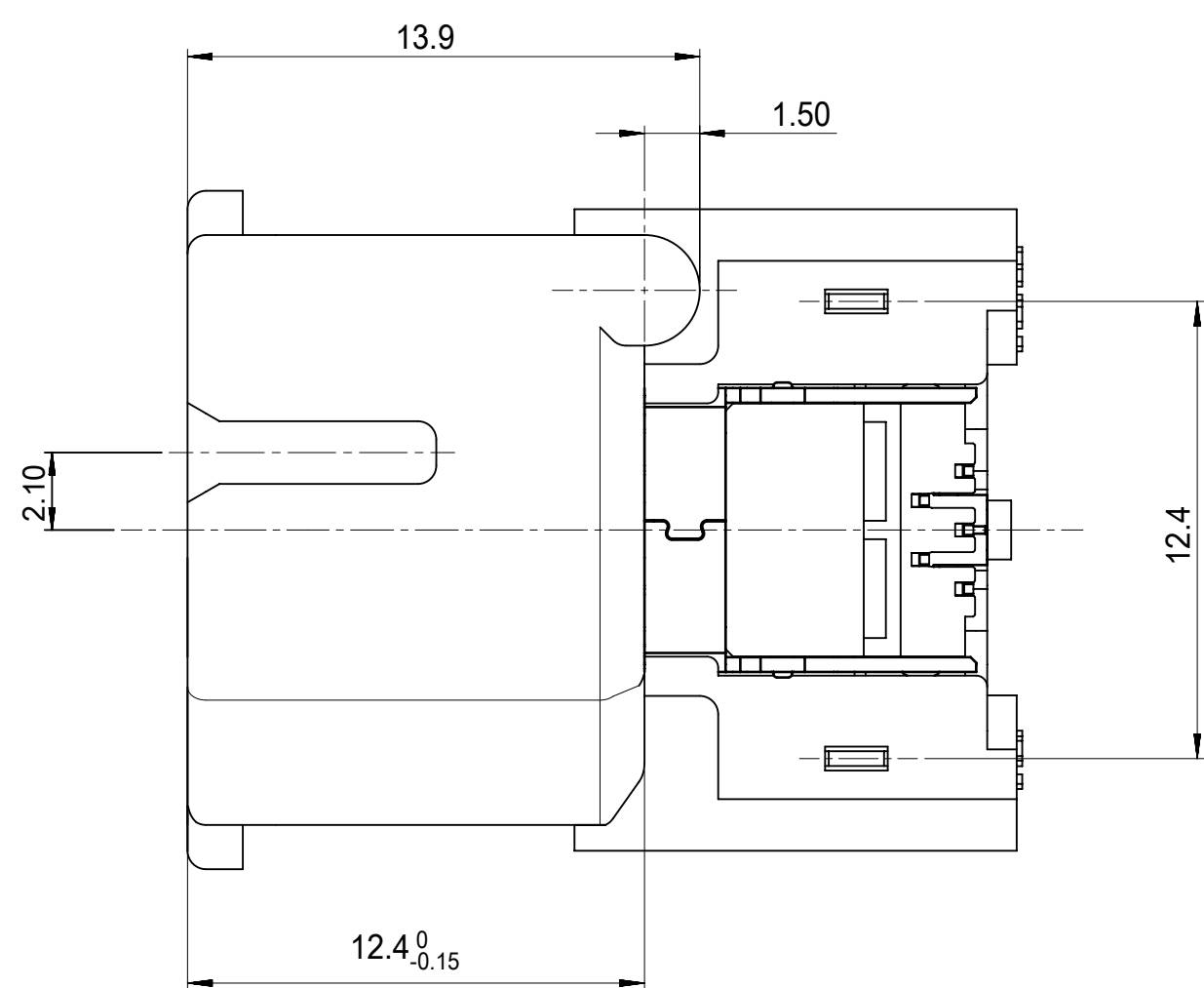


BOTTOM VIEW: SOLDER SIDE



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)



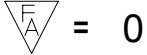
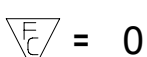
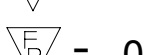
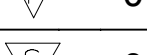
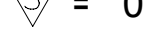
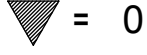
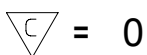
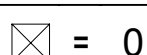
<PART LIST>

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

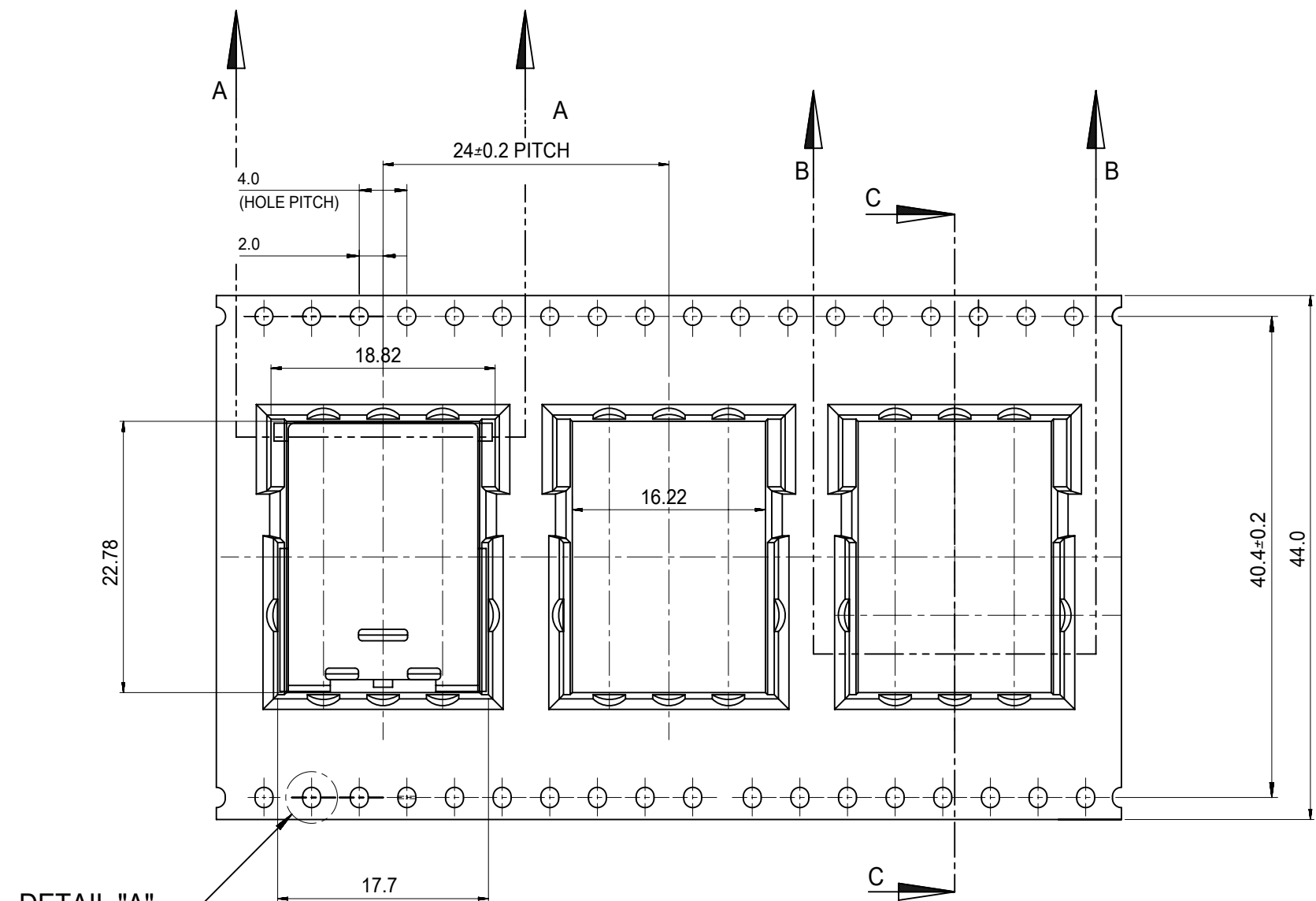
<TABLE 1>

MATERIAL NO.	ORDER NO.	PACKAGING	COLOR
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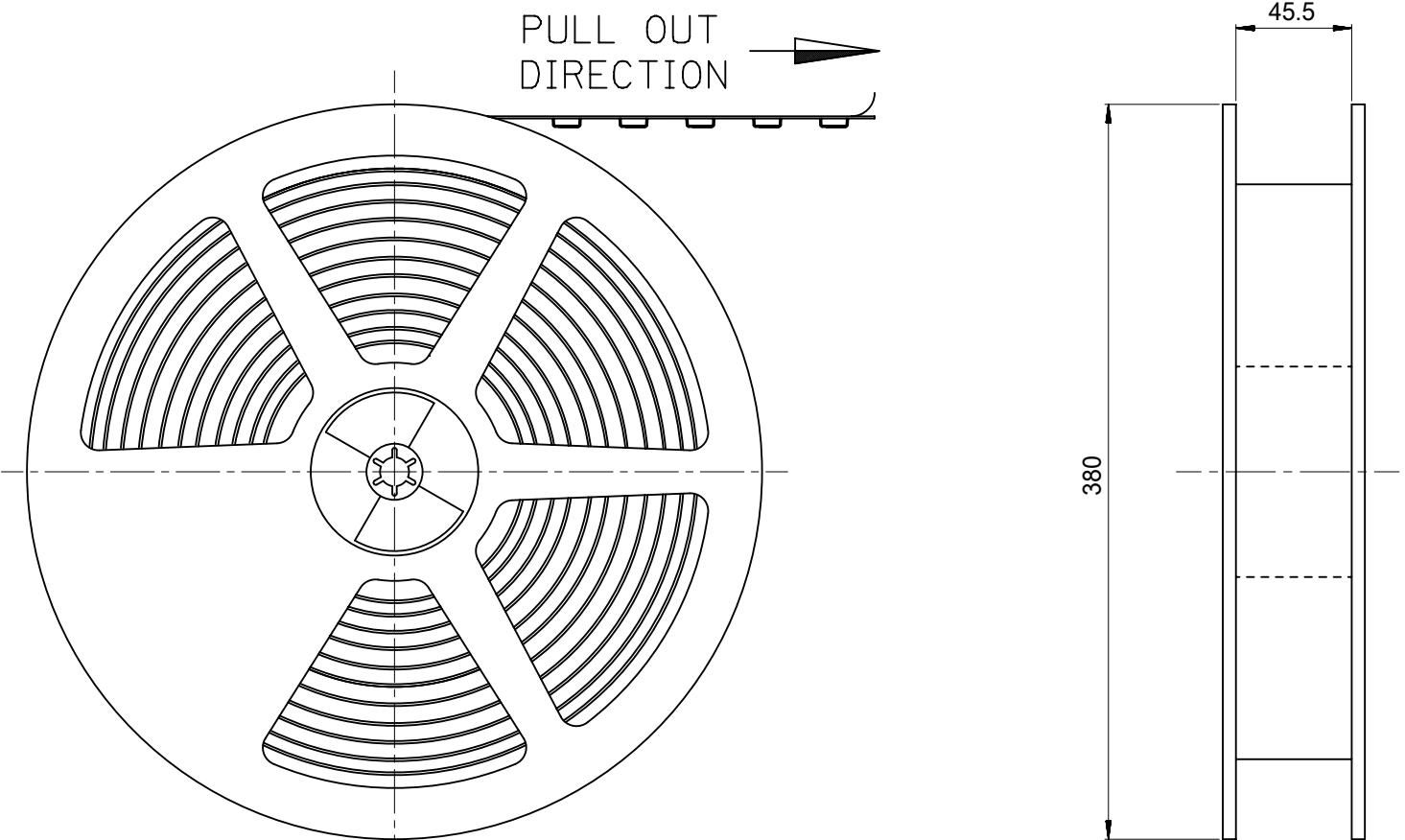
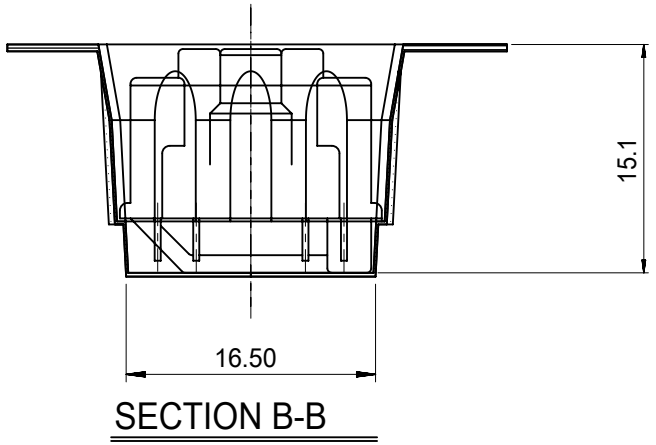
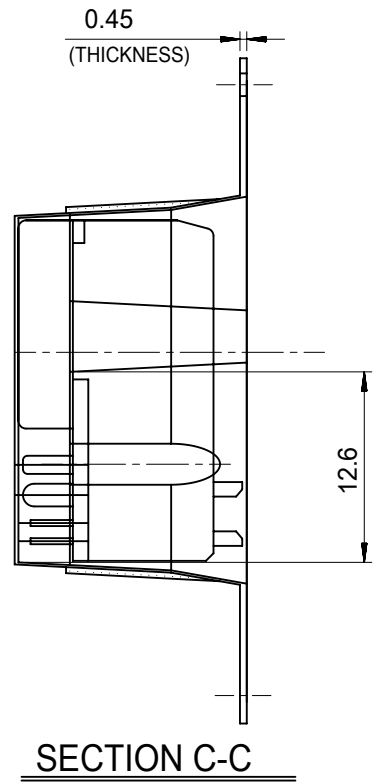
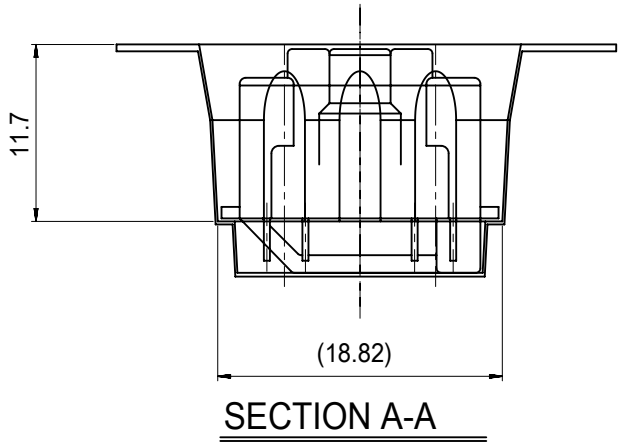
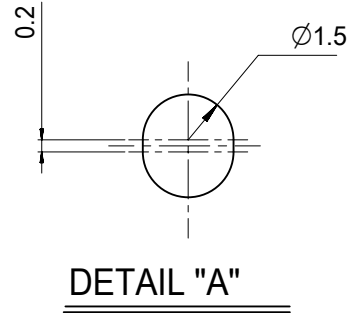
RECOMMENDED PCB LAYOUT

SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											
	DIMENSION UNITS		SCALE		CURRENT REV DESC: EC NO: 628682 DRWN: SPARK04 2019/11/08 CHK'D: YKJUNG 2019/12/06 APPR: YKJUNG 2019/12/06 INITIAL REVISION: DRWN: HIMOON 2013/11/20 APPR: JHBAE 2013/12/23			molex HSAUTOLINK R/A HEADER TYPE-C FOR HMI MODULE (TAPE & REEL PACKING)				
	mm		5:1									
	GENERAL TOLERANCES (UNLESS SPECIFIED)							PRODUCT CUSTOMER DRAWING				
	ANGULAR TOL ± 3.0°											
	4 PLACES		±					DOCUMENT NUMBER SD-104087-012				
	3 PLACES		±									DOC TYPE PSD
	2 PLACES		± 0.15					DOC PART 001				
	1 PLACE		± 0.25					REVISION A2				
	0 PLACES		±		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER			
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION 		DRAWING A1-SIZE		SERIES 104087		GENERAL MARKET	
											1 OF 2	

DOCUMENT STATUS	P1	RELEASE DATE	2019/12/06 03:17:47
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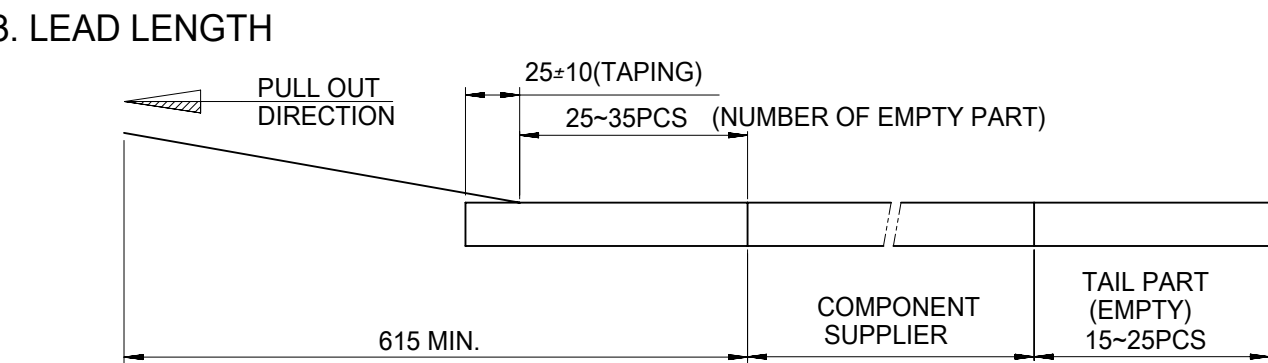


EMBOSS TAPE

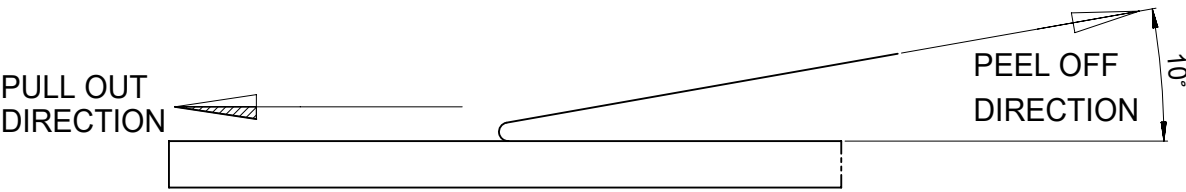


PLASTIC BOBBIN

- NOTES
1. QUANTITY OF CONNECTORS : 200EA/REEL
 2. MATERIAL
 - EMBOSS TAPE : P.E.T ANTISTATIC
 - PASTIC BOBBIN : P.S



4. PEELING OFF FORCE OF COVER TAPE : 0.1N~0.59N(10.2GF~60GF)
(PEELING DIRECTION AS SHOW IN FOLLOW FIG.)
PEELING OFF SPEED : 300mm/Min.(Ref.)



5. FLASH SHALL BE LESS THAN 0.20mm.

SYMBOLS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	
	= 0	DIMENSION UNITS	SCALE
	= 0	mm	2:1
	= 0	CURRENT REV DESC:	
	= 0	GENERAL TOLERANCES (UNLESS SPECIFIED)	
	= 0	EC NO: 628682	
	= 0	DRWN: SPARK04 2019/11/08	
	= 0	CHK'D: YKJUNG 2019/12/06	
	= 0	APPR: YKJUNG 2019/12/06	
	= 0	INITIAL REVISION:	
	= 0	DRWN: HIMOON 2013/11/20	
	= 0	APPR: JHBAE 2013/12/23	
	= 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	
	= 0	THIRD ANGLE PROJECTION	
		DRAWING	SERIES
		A2-SIZE	104087
		MATERIAL NUMBER	
		CUSTOMER	
		GENERAL MARKET	
		SHEET NUMBER	
		2 OF 2	

molex

HSAUTOLINK R/A HEADER
TYPE-C FOR HMI MODULE (TAPE & REEL PACKING)

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER

SD-104087-012

DOC TYPE

PSD

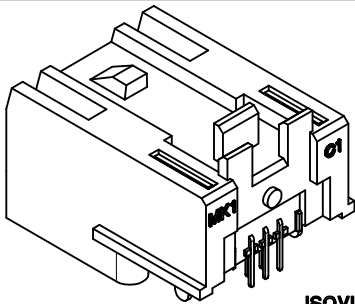
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001

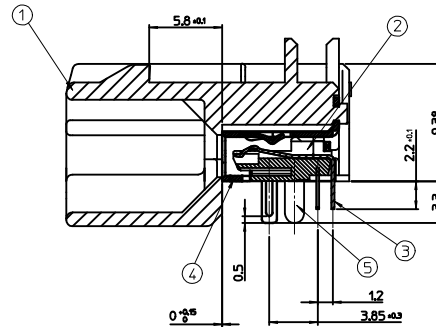
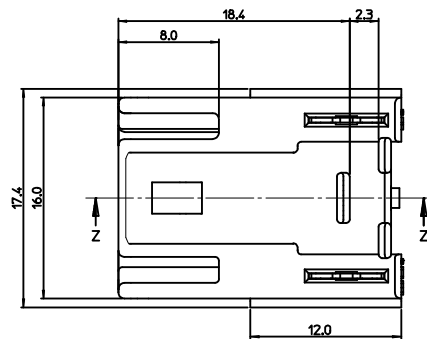
REVISION

A2

DOCUMENT STATUS	P1	RELEASE DATE	2019/12/06	03:17:47
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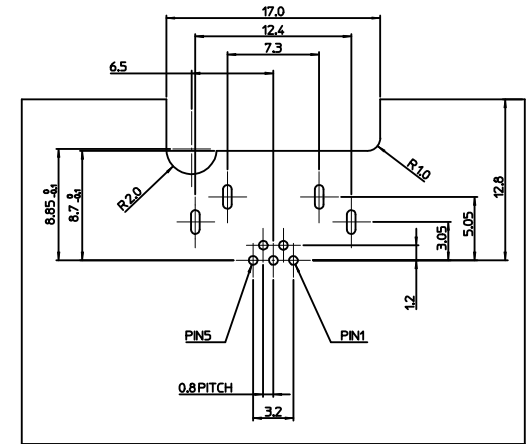


ISOVIEW

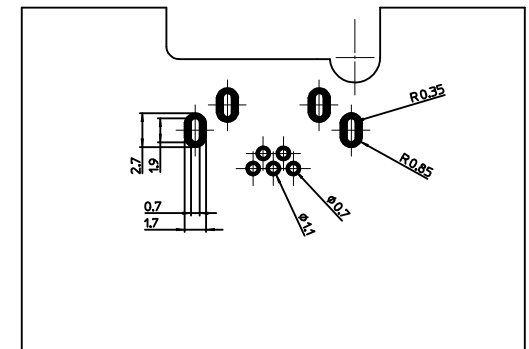


SECTION Z-Z

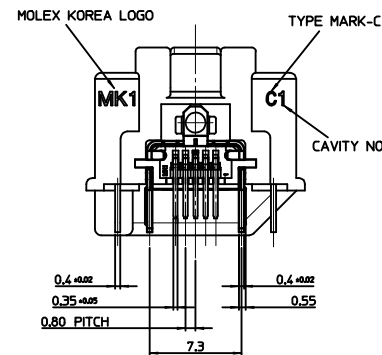
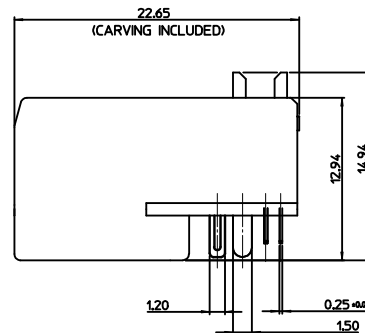
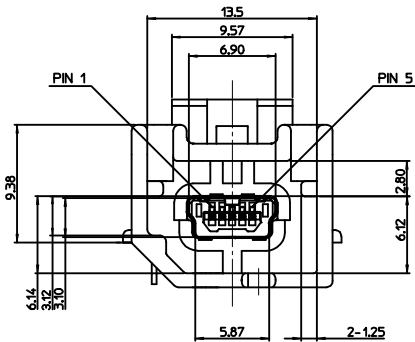
TOP VIEW: COMPONENT SIDE



BOTTOM VIEW: SOLDER SIDE



RECOMMENDED PCB LAYOUT



<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

- 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)
 - APPLY TO WITHOUT SIDEWING TYPE

<TABLE 1>

MATERIAL NO.	ORDER NO.	PACKAGING	COLOR
1040870117	104087-0117	TRAY	BROWN
1040870317	104087-0317	REEL & TAPE	BROWN

NEW RELEASE REC NO: K1R2015-0001 DRAWN BY: YIBAEK CHKD: YCHOI APPR: YCHOI 2014/08/12 2014/08/21 2014/05/07	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.15 ± --- 1 PLACE ± 0.25 ± --- ANGULAR ± 1°	DIMENSION STYLE MM ONLY	SCALE DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
	DRAWN BY YIBAEK DATE 2014/05/07	CHECKED BY BGYOON DATE 2014/05/07	APPROVED BY JYCHOI DATE 2014/05/07	TITLE HSAUTOLINK R/A HEADER TYPE-C FOR HMI MODULE (SOLDER TAIL=2.2MM)	MOLEX INCORPORATED	SHEET NO. 1 OF 1
	MATERIAL NO. SEE TABLE 1	DOCUMENT NO. SD-104087-014	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			