

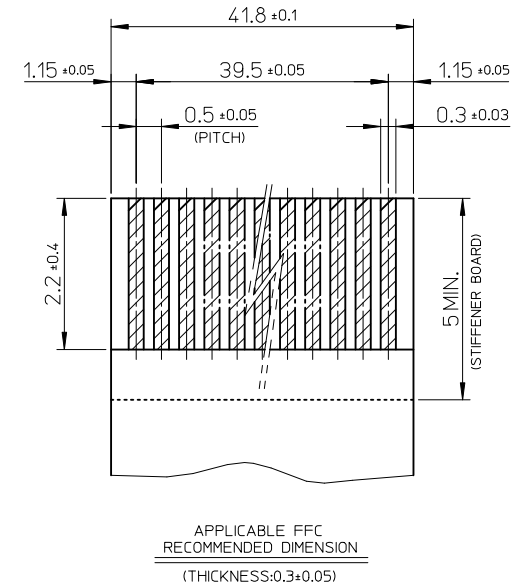
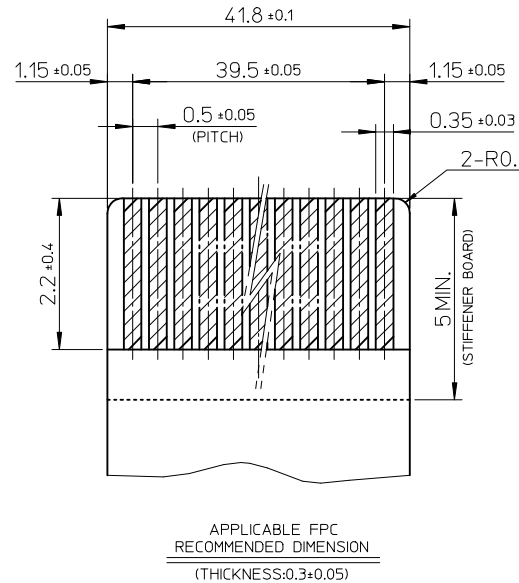
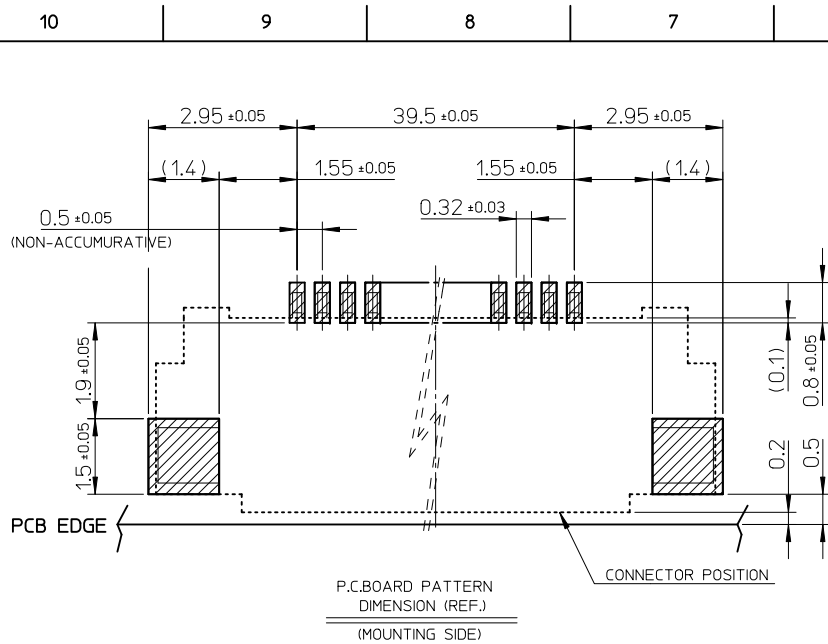
104114-8017    80  
ORDER NO.    CKT

NEW RELEASED EC NO: KOR2012-0054 DRWN: JHLEE05 2011/12/06 CHKD: KSKIM 2011/12/06 APPR: YUNSIKKIM 2011/12/29	QUALITY SYMBOLS	DESCRIPTION
	▽=0	
	⊕=0	
	REV	
	A	

GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS
	MM ONLY	5:1	METRIC
4 PLACES ± --- ± ---	DRAWN BY	DATE	TITLE
3 PLACES ± 0.20 ± ---	JHLEE05	2011/12/06	0.5MM FPC/FFC FRONTFLIP SLIM CNT 80P (H=1.5) HOUSING ASS'Y
2 PLACES ± 0.25 ± ---	CHECKED BY	DATE	
1 PLACE ± 0.3 ± ---	KSKIM	2011/12/06	
ANGULAR ± 1 °	APPROVED BY	DATE	
	YUNSIKKIM	2011/12/29	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	MATERIAL NO.	DOCUMENT NO.	SHEET NO.
	SEE TABLE	SD-104114-001	1 OF 3

SIZE	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION
A3	

THIRD ANGLE PROJECTION	
MOLEX INCORPORATED	



**NOTES**

1. MATERIAL

HOUSING	LIQUID CRYSTAL POLYMER GLASS FILLED,UL94V-0(NATURAL)
ACTUATOR	POLYPHENYLENE SULFIDE GLASS FILLED,UL94V-0(BLACK)
TERMINAL	PHOSPHOR BRONZE
FITTING NAIL	PHOSPHOR BRONZE

2. PLATING

- TERMINAL : SELECTIVE GOLD[Au] OVER NICKEL[Ni] PLATING.
- CONTACT AREA : GOLD[Au] 0.1 MICROMETER MIN. OVER NICKEL[Ni] 1.0 MICROMETER MIN.(UNDER PLATING)
- SOLDER AREA : GOLD[Au] 0.05 MICROMETER MIN. OVER NICKEL[Ni] 1.0 MICROMETER MIN.(UNDER PLATING)
- FITTING NAIL : TIN[Sn] OVER NICKEL[Ni] PLATING.
- Tin[Sn] 1~3 MICROMETER.
- NICKEL[Ni] 1~3 MICROMETER (UNDER PLATING)

3. PRODUCT SPECIFICATION : PS-104114-001

PACKING SPECIFICATION : PK-104114-001

4. ACTUATOR IS CLOSED IN THE EMBOSSED PACKING

- △ FITTING NAIL FOR PREVENTION OF PEELING OF PCB PATTERN.
- △ R0.3 MUST NOT BE OVERLAPPED TO PATTERN OF FPC.
- 7. COPLANARITY IS 0.08MAX.

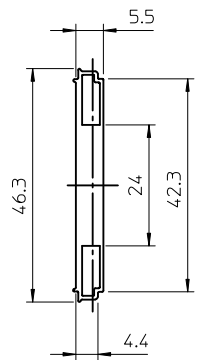
ABOUT FPC/FFC

RECOMMENDED PUNCHER DIRECTION : FROM CONDUCTOR SIDE TO STIFFENER FILM SIDE.  
RECOMMENDED CONDUCTOR THICKNESS OF SOFT COPPER FOIL : 35 μm OR 50 μm.

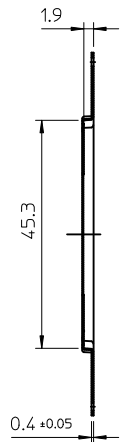
RECOMMENDED MATERIAL/THICKNESS.  
STIFFENER FILM : POLYIMIDE  
BONDING AGENT : THERMOSETTING BONDING AGENT  
BASE FILM THICKNESS : 25 μm

PLEASE PUT APPROPRIATE AMOUNT OF ADHESIVE ON THE CONTACT AREA BECAUSE THE EXTRA ADHESIVE MAY CAUSE THE DEFECT IN ELECTRICAL CONTINUITY.

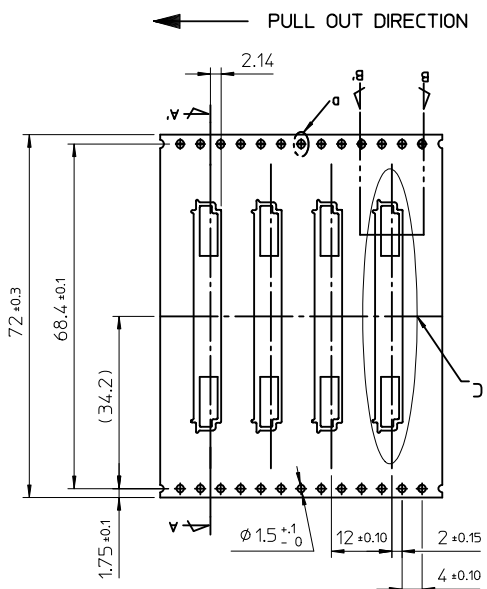
<p><b>NEW RELEASED</b> EC NO: KOR2012-0054 DRWN: JHLEE05 2011/12/06 CHKD: KSKIM 2011/12/06 APPR: YUNSIKKIM 2011/12/29</p>	<p>QUALITY SYMBOLS ▽=0 ◻=0</p>	<p>GENERAL TOLERANCES (UNLESS SPECIFIED)</p>		<p>DIMENSION STYLE <b>MM ONLY</b></p>		<p>SCALE <b>5:1</b></p>	<p>DESIGN UNITS <b>METRIC</b></p>	<p>THIRD ANGLE PROJECTION</p>		
			mm	INCH	DRAWN BY JHLEE05	DATE 2011/12/06	<p>TITLE <b>0.5MM FPC/FFC FRONTFLIP SLIM CNT 80P (H=1.5) HOUSING ASS'Y</b></p>			
		4 PLACES	± ---	± ---	CHECKED BY KSKIM	DATE 2011/12/06				
		3 PLACES	± 0.20	± ---	APPROVED BY YUNSIKKIM		DATE 2011/12/29	<p><b>MOLEX INCORPORATED</b></p>		
2 PLACES	± 0.25	± ---	MATERIAL NO. <b>1041148017</b>		DOCUMENT NO. <b>SD-104114-001</b>	SHEET NO. <b>2 OF 3</b>				
1 PLACE	± 0.3	± ---	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		<p>THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION</p>					



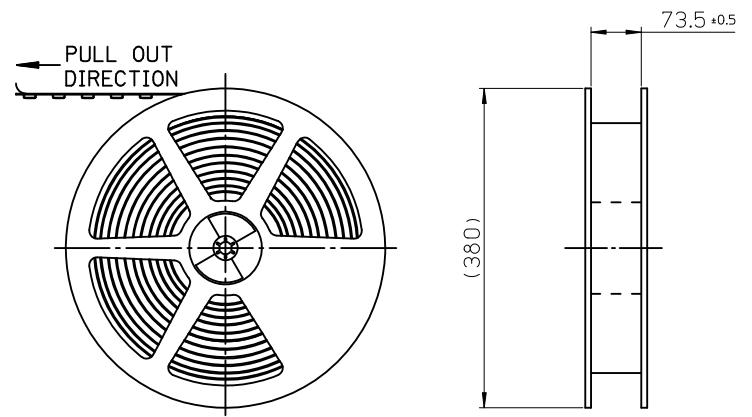
DETAIL C



SECTION A-A



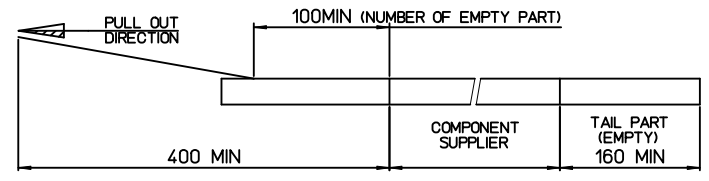
72MM WIDTH CARRIER TAPE



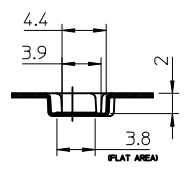
PLASTIC BOBBIN

NOTES

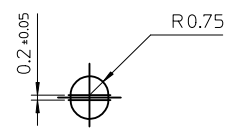
- 1. QUANTITY OF CONNECTORS : 3000PCS/REEL
- 2. LEAD LENGTH



3. THIS PRODUCT IS HALOGEN FREE (LV.2)



SECTION B-B



DETAIL D

NEW RELEASED EC NO: KOR2012-0054 DRWN: JHLEE05 2011/12/06 CHKD: KSK IM 2011/12/06 APPR: YUNSIKKIM 2011/12/29	QUALITY SYMBOLS ▽=0 ◻=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION		
				MM ONLY	1:1	METRIC			
			mm	INCH	DRAWN BY	DATE	TITLE		
		4 PLACES	± ---	± ---	JHLEE05	2011/12/06	0.5MM FPC/FFC FRONTFLIP SLIM CNT 80P (H=1.5) HOUSING ASS'Y		
3 PLACES	± 0.20	± ---	CHECKED BY	DATE	MOLEX INCORPORATED				
2 PLACES	± 0.25	± ---	KSK IM	2011/12/06	MATERIAL NO.				
1 PLACE	± 0.3	± ---	APPROVED BY	DATE	DOCUMENT NO.				
ANGULAR ± 1 °		YUNSIKKIM		2011/12/29	1041148017				
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					
		A3		SD-104114-001			SHEET NO.		
							3 OF 3		