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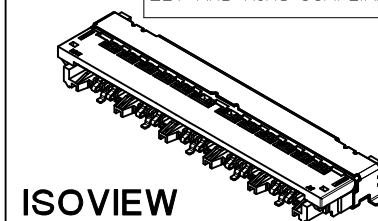
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ELV AND RoHS COMPLIANT



NOTES:

1.MATERIAL

HOUSING: LCP, COLOR : NATURAL
 GLASS FILLED,UL94V-0
 ACTUATOR:PPS, COLOR : BLACK
 GLASS FILLED,UL94V-0
 CONTACT TERMINAL:COPPER ALLOY($t=0.2$)
 GROUND TERMINAL:PHOSPHOR BRONZE($t=0.1$)
 NAIL:PHOSPHOR BRONZE($t=0.15$)
 SHELL:SUS304, $t=0.15$

2.PLATING
TERMINAL

CONTACT AREA: GOLD 0.1 MICROMETER MINIMUM
 SOLDER TAIL AREA: GOLD 0.05 MICROMETER MINIMUM
 UNDER PLATING:NICKEL 1.0 MICROMETER MINIMUM
 NAIL AND GROUND TERMINAL
 TIN PLATING 1.0 MICROMETER MINIMUM
 UNDER PLATING:NICKEL 1.0 MICROMETER MINIMUM
 SHELL

SELECTIVE Sn 1.0 MICROMETER MINIMUM
 OVERALL NICKEL PLATING 1.0 MICROMETER MINIMUM

3.TAILS COPLANARITY TO BE 0.10 MAXIMUM.

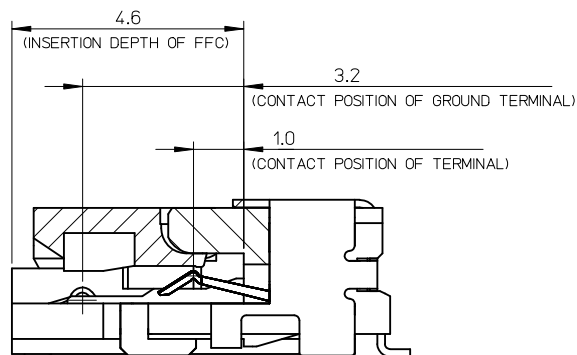
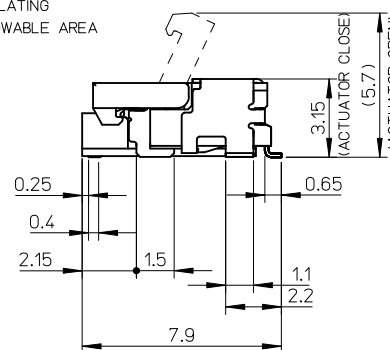
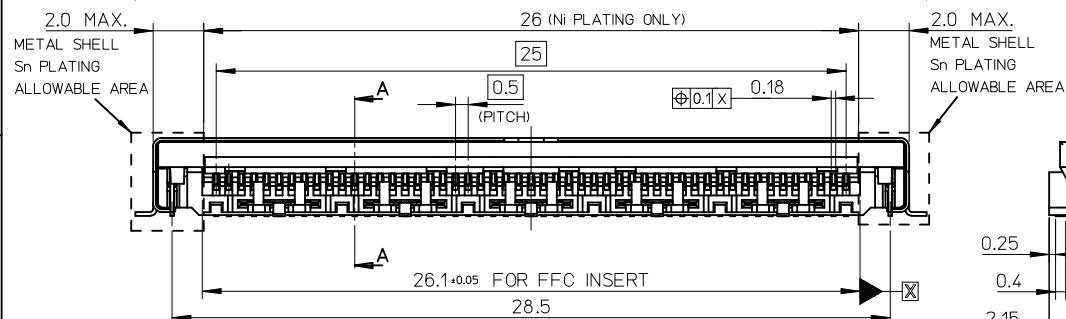
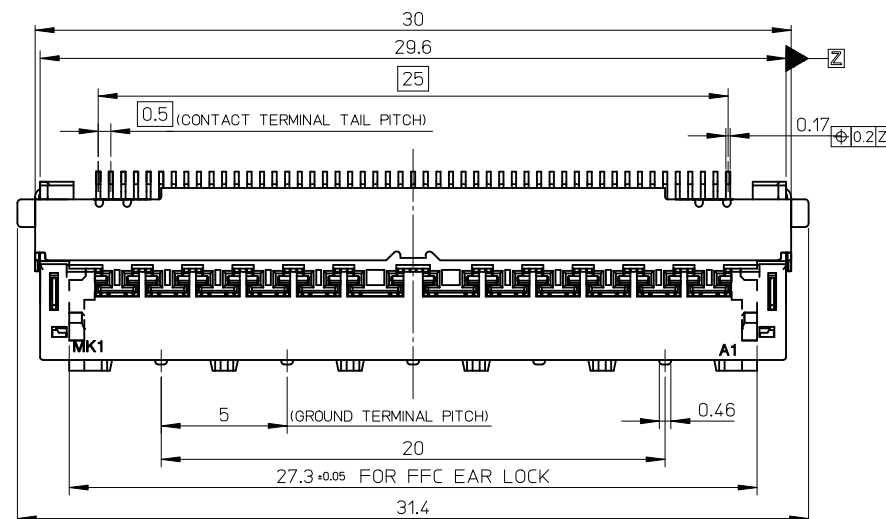
4.PRODUCT SPECIFICATION : PS-104103-001

5. PACKING SPECIFICATION : SPK-104103-001

6.ACTUATOR IS CLOSED IN THE EMBOSSED PACKAGING.

7.ELV AND RoHS COMPLIANT

8.DELIVERY POSITION : ACTUATOR CLOSE



SECTION A-A

NEW RELEASED
 EC NO: KOR2012-0015
 DRWN:HSK1M05 2011/10/14
 CHKD:
 APPR:YUNSIKKIM 2011/11/07

QUALITY SYMBOLS
 DESCRIPTION
 REV

GENERAL TOLERANCES (UNLESS SPECIFIED)

10 UNDER	± 0.2
10 OVER 30 UNDER	± 0.25
30 OVER	± 0.3
ANGULAR $\pm 1^\circ$	

DRAFT WHERE APPLICABLE
 MUST REMAIN
 WITHIN DIMENSIONS

DIMENSION STYLE
 MM ONLY

DRAWN BY SMKIM	DATE 2010/09/30
CHECKED BY KSKIM	DATE 2010/09/30
APPROVED BY YUNSIKKIM	DATE 2011/11/07
MATERIAL NO.	

SEE TABLE

SCALE
 5:1

DESIGN UNITS
 METRIC

THIRD ANGLE PROJECTION

1041035117	51
ORDER NO.	CKT

0.5 FFC CONN.
 HIGH SPEED R/A HGT=3.15
 HOUSING ASSY 51P

MOLEX INCORPORATED

SD-104103-001

1 OF 3

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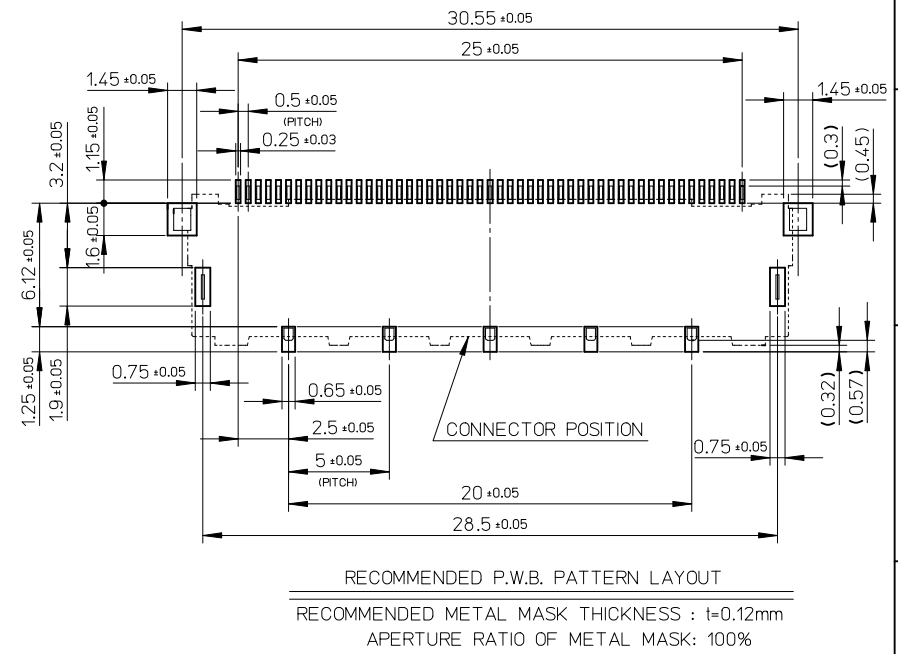
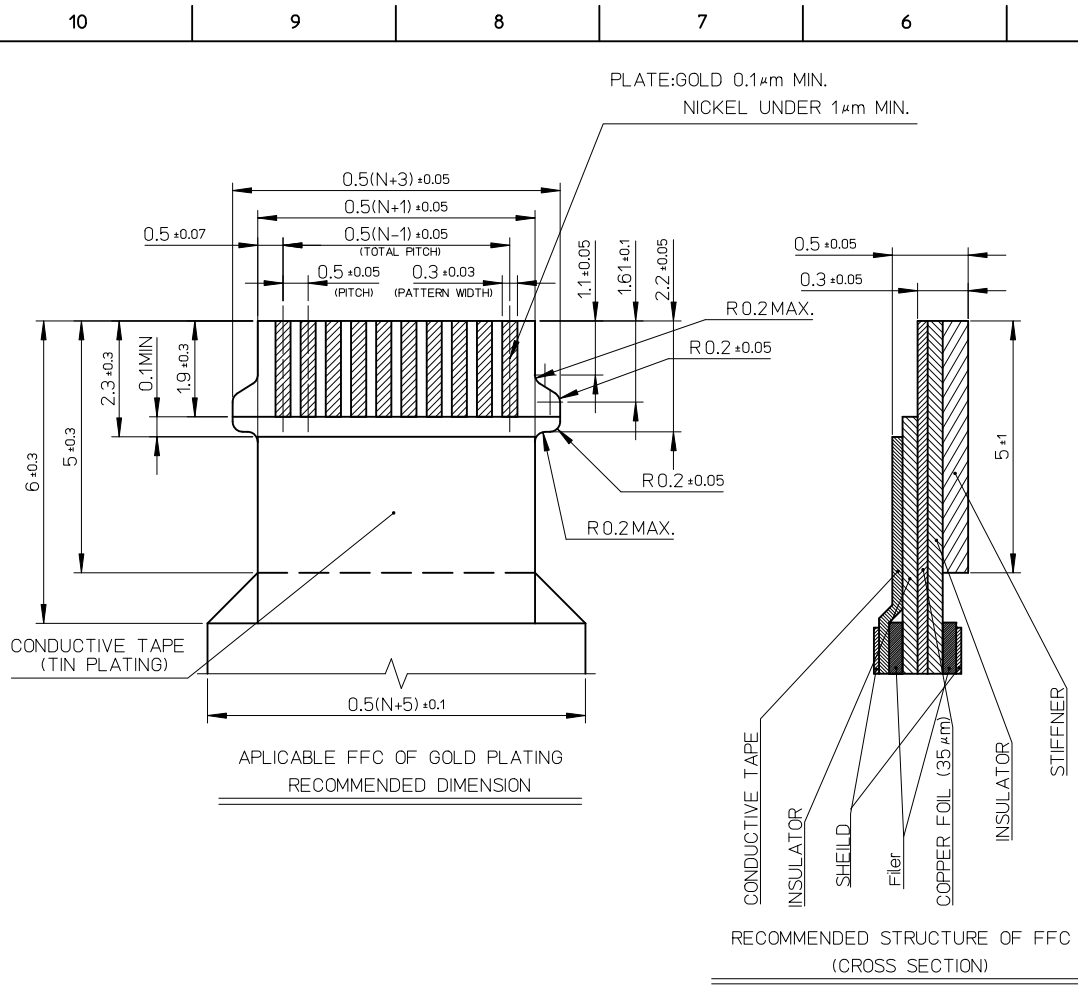
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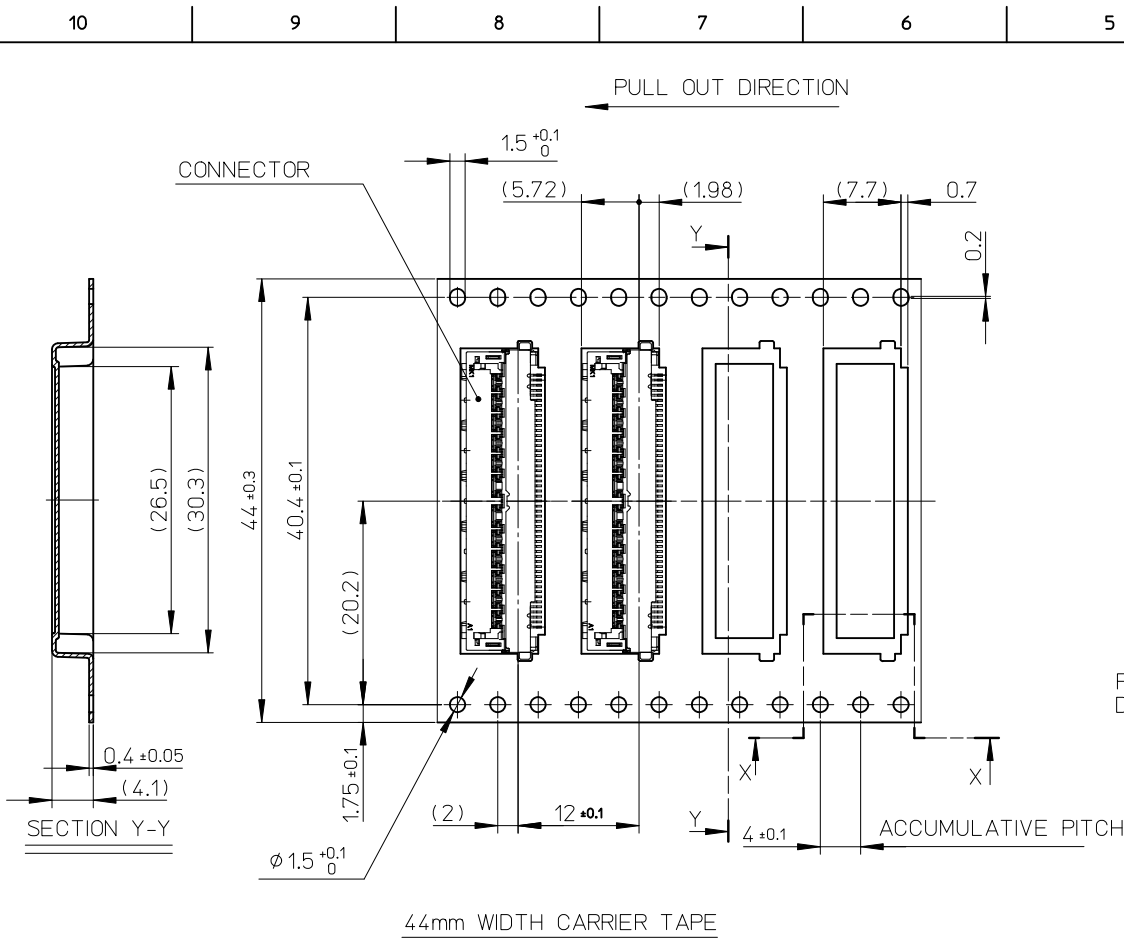
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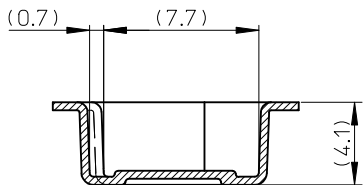
NOTE FOR FFC
 RECOMMENDED PUNCHER DIRECTION:
 FROM CONDUCTOR SIDE TO STIFFNER FILM SIDE.
 RECOMMENDED MATERIAL /THICKNESS.
 CONDUCTOR : COPPER FOIL / 0.035mm.
 INSULATOR : POLYESTER / 0.04mm.
 STIFFNER FILM : POLYESTER / 0.22mm.
 CONDUCTIVE TAPE : COPPER CONDUCTIVE TAPE WITH TIN PLATING / 0.12mm
 FILER : --- / 0.2mm
 SHIELD : ALUMINUM FOIL / 0.03mm.

NEW RELEASED EC NO: KOR2012-0015 DRWN: HSK1005 CHKD: APPR: YUNSIKKIM 2011/10/17 2011/11/07	REV DESCRIPTION A	QUALITY SYMBOLS ▽=0 ◻=0	GENERAL TOLERANCES (UNLESS SPECIFIED) 10 UNDER ± 0.2 10 OVER 30 UNDER ± 0.25 30 OVER ± 0.3 ANGULAR ± 1 ° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DIMENSION STYLE MM ONLY DRAWN BY DATE SMKIM 2010/09/30 CHECKED BY DATE KSKIM 2010/09/30 APPROVED BY DATE YUNSIKKIM 2011/11/07 MATERIAL NO. SEE TABLE	SCALE 5:1 DESIGN UNITS METRIC THIRD ANGLE PROJECTION	TITLE 0.5 FFC CONN. HIGH SPEED R/A HGT=3.15 HOUSING ASSY 51P MOLEX INCORPORATED SD-104103-001	SHEET NO. 2 OF 3

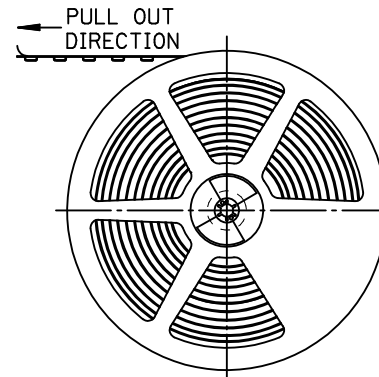


SECTION Y-Y

44mm WIDTH CARRIER TAPE



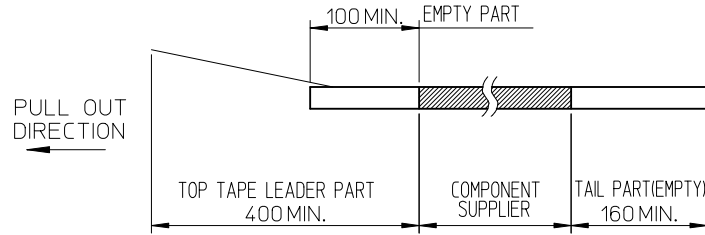
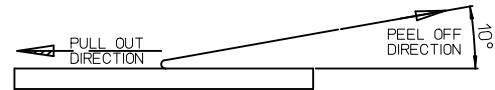
SECTION X-X



ELV AND RoHS COMPLIANT

45.4 ±1

NOTES

1. NUMBER OF CONNECTORS : 2000PIECES/REEL
2. LEAD TAPE LENGTH

3. ELV AND RoHS COMPLIANT
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.)


1041035117	51
ORDER NO.	CKT

NEW RELEASED EC NO: KOR2012-0015 DRWN: HSKIM05 2011/10/17 CHKD: YUNSIKKIM APPR: YUNSIKKIM 2011/11/07	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 5:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION		
		 =0  =0	10 UNDER	± 0.2	DRAWN BY SMKIM	DATE 2010/09/30	TITLE 0.5 FFC CONN. HIGH SPEED R/A HGT=3.15 HOUSING ASSY 51P				
			10 OVER 30 UNDER	± 0.25	CHECKED BY KSKIM	DATE 2010/09/30					
			30 OVER	± 0.3	APPROVED BY YUNSIKKIM	DATE 2011/11/07					
			ANGULAR ± 1 °		MATERIAL NO.		DOCUMENT NO.		MOLEX MOLEX INCORPORATED		
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-104103-001		SHEET NO. 3 OF 3		
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											