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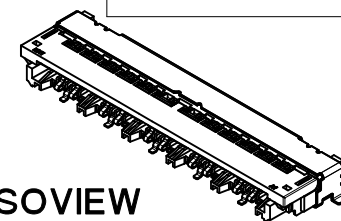
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1

ELV AND RoHS COMPLIANT



ISOVIEW

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.

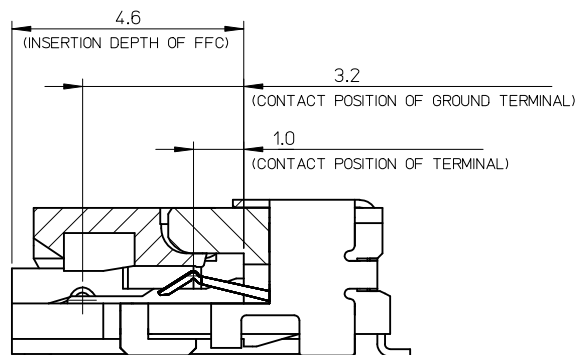
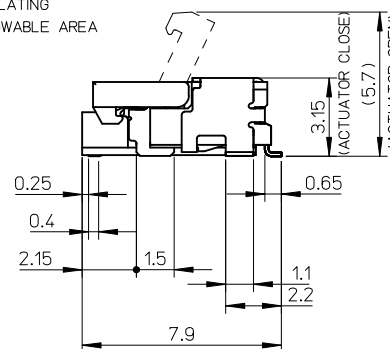
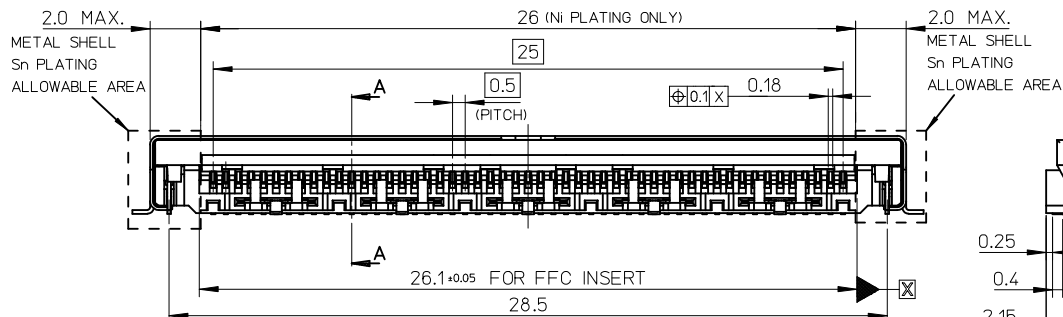
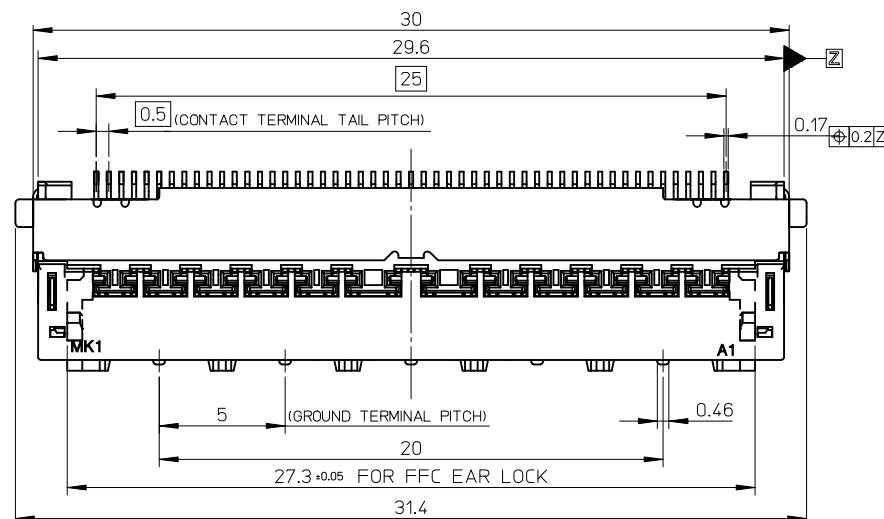
4.PRODUCT SPECIFICATION : PS-104103-001

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

1041035117

51

ORDER NO.

CKT

NEW RELEASED
 EC NO: KOR2012-0015
 DRWN:HSK1005 2011/10/14
 CHKD:
 APPR:YUNSIKKIM 2011/11/07

QUALITY SYMBOLS
 ▽=0
 ◻=0
 DESCRIPTION
 REV

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 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

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

MOLEX INCORPORATED

DOCUMENT NO.
 SD-104103-001

SHEET NO.
 1 OF 3

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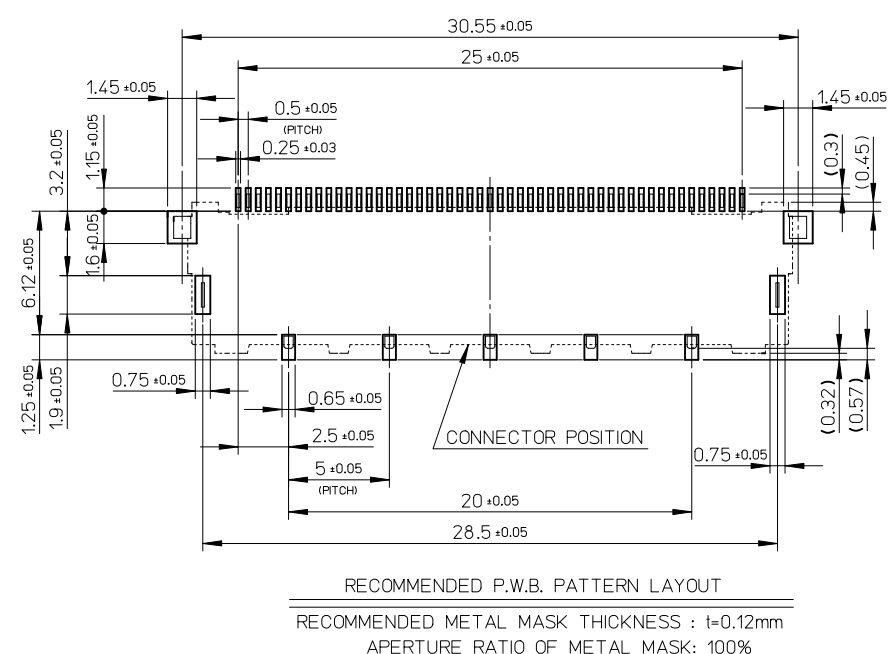
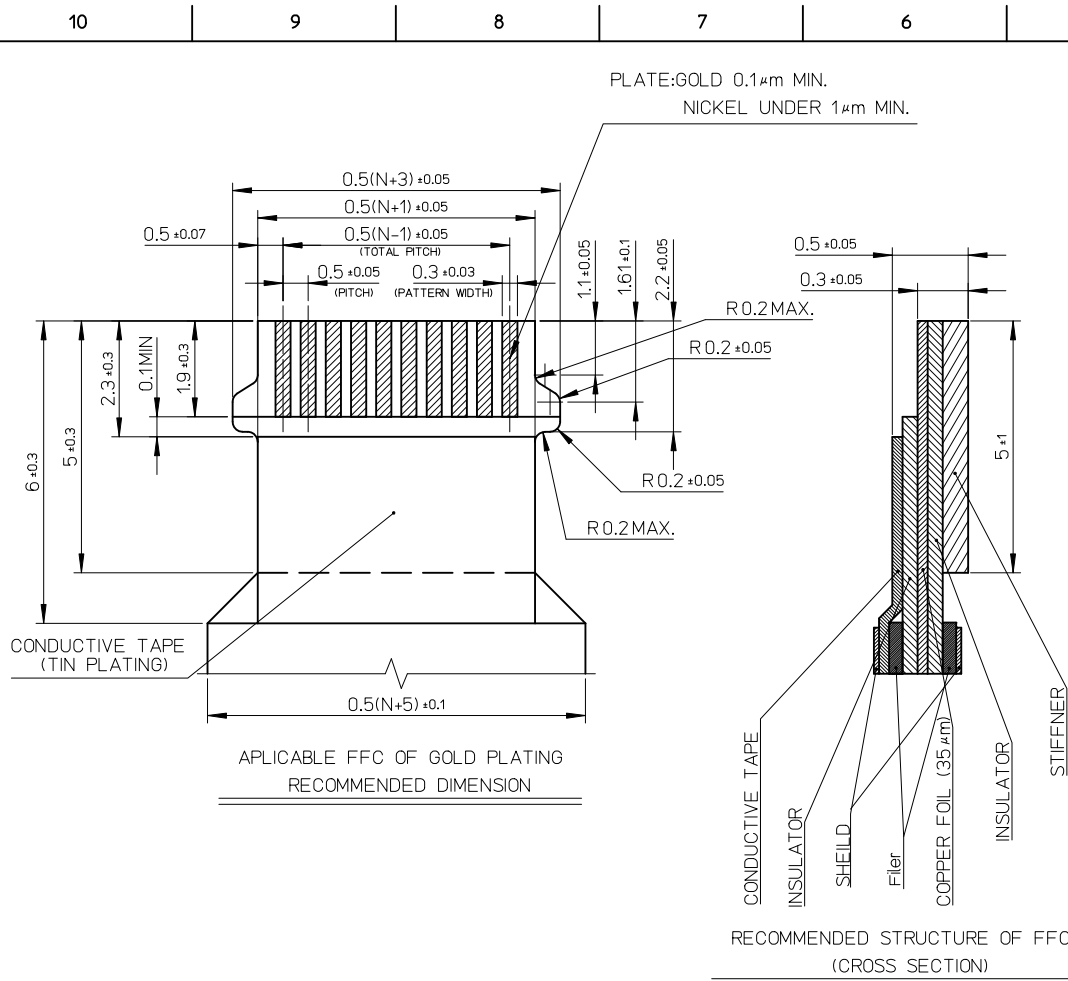
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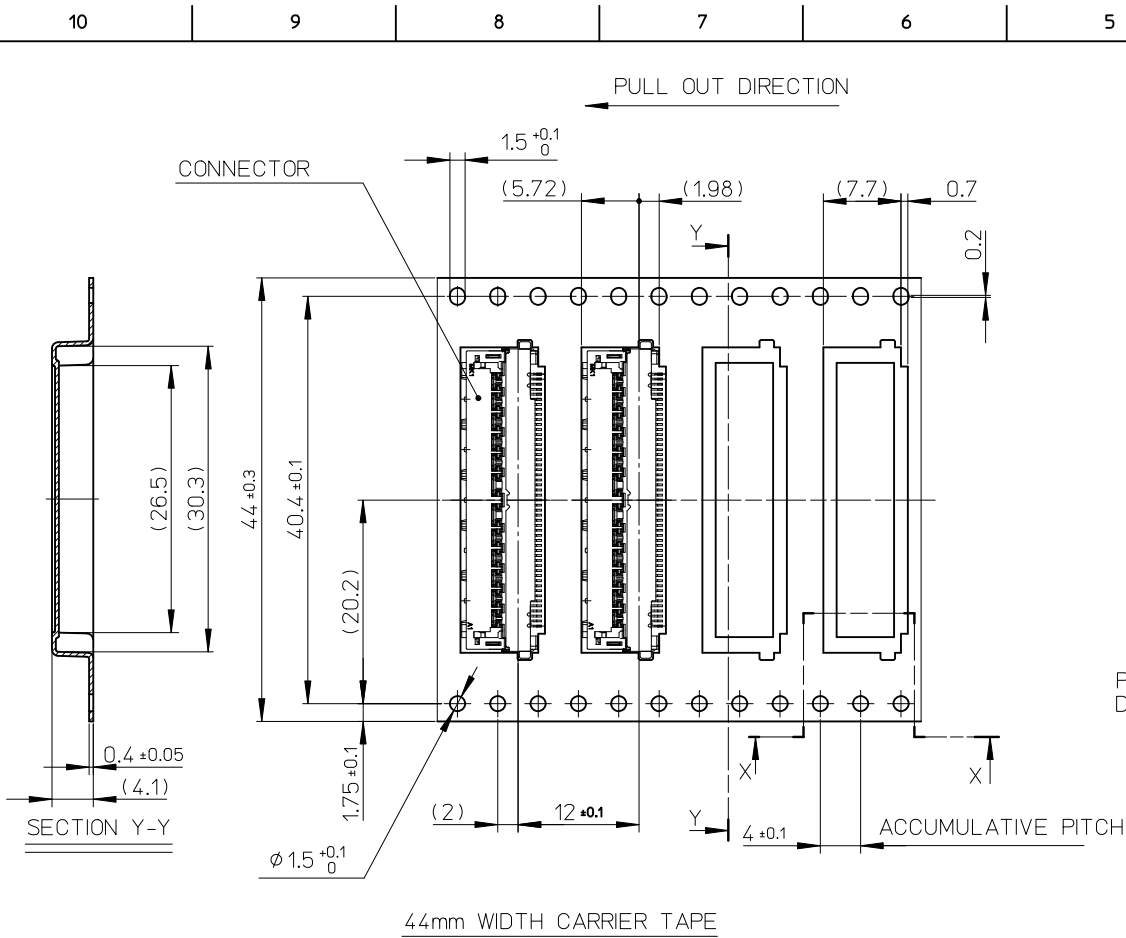
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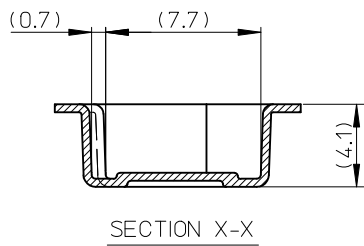
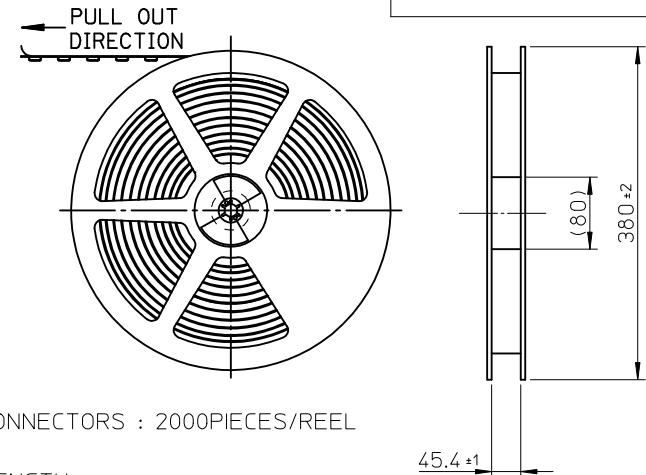
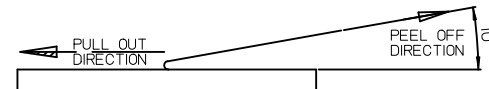
NOTE FOR FFC
RECOMMENDED PUNCHER DIRECTION:
FROM CONDUCTOR SIDE TO STIFFENER FILM SIDE.
RECOMMENDED MATERIAL /THICKNESS.
CONDUCTOR : COPPER FOIL / 0.035mm.
INSULATOR : POLYESTER / 0.04mm.
STIFFENER FILM : POLYESTER / 0.22mm.
CONDUCTIVE TAPE : COPPER CONDUCTIVE TAPE WITH TIN PLATING / 0.12mm
FILLER :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

NEW RELEASED EC NO: KOR2012-0015 DRWN: HSK IM05 CHKD: APPR: YUNSIKKIM 2011/10/17 2011/11/07	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 5:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
		▽=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				
		▽=0	10 OVER 30 UNDER	± 0.25	CHECKED BY KSKIM	DATE 2010/09/30					
			30 OVER	± 0.3	APPROVED BY YUNSIKKIM	DATE 2011/11/07	MOLEX INCORPORATED				
			ANGULAR ± 1 °		MATERIAL NO.		DOCUMENT NO.				SHEET NO.
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-104103-001				2 OF 3	
				SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					



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 A	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.		SHEET NO.	
	REV	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SEE TABLE			SD-104103-001			3 OF 3
			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						