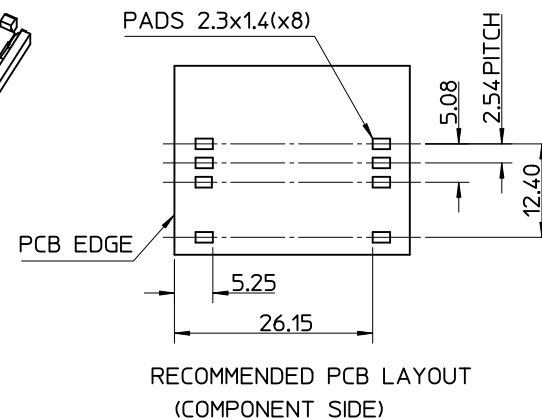
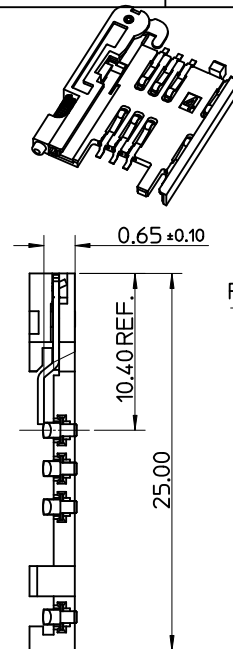


Technical drawing of a mechanical assembly, showing a cross-section of a component with a spring and a shaft.



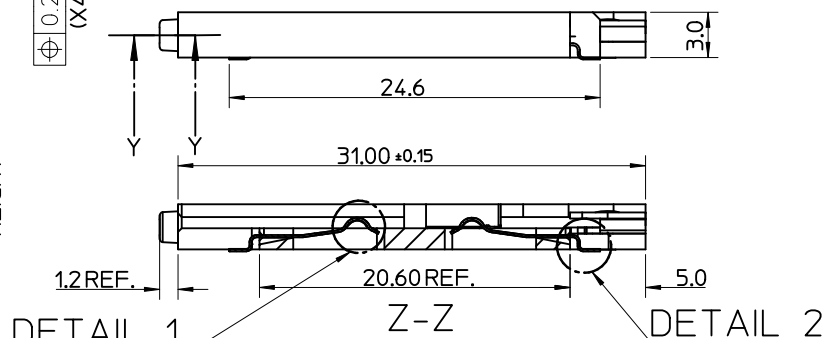
1. SEE PRODUCT SPECIFICATION PS-99020-0071.
2. PACKAGING: TAPE & REEL, FOR DETAIL
SEE SDA-91228-9001, SHEET 1
3. PUSH ROD/LEVER MUST NOT PROTRUDE
BEYOND HOUSING EDGE IN THIS AREA.
4. TAILS ON EACH SIDE OF CONNECTOR TO LIE
WITHIN 0.12 mm OF EACH OTHER
5. DATECODE: (YEAR, WEEK, WEEK, DAY, HOUR, HOUR)

R0.90 REF.

0.60 ± 0.20

TYP CONTACT HEIGHT

DETAIL 1

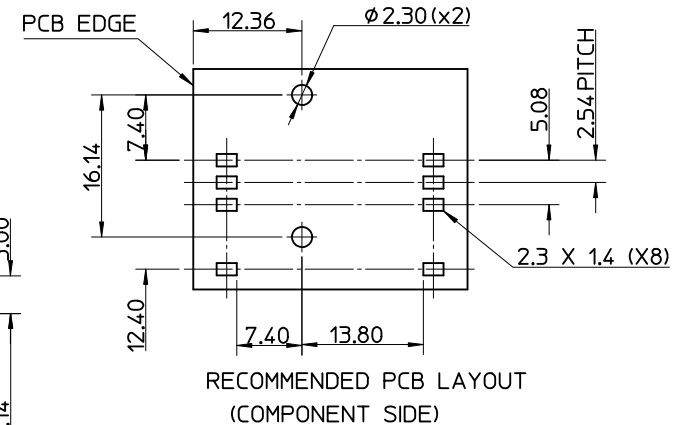
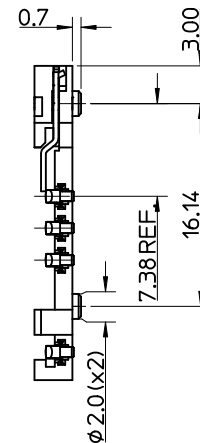
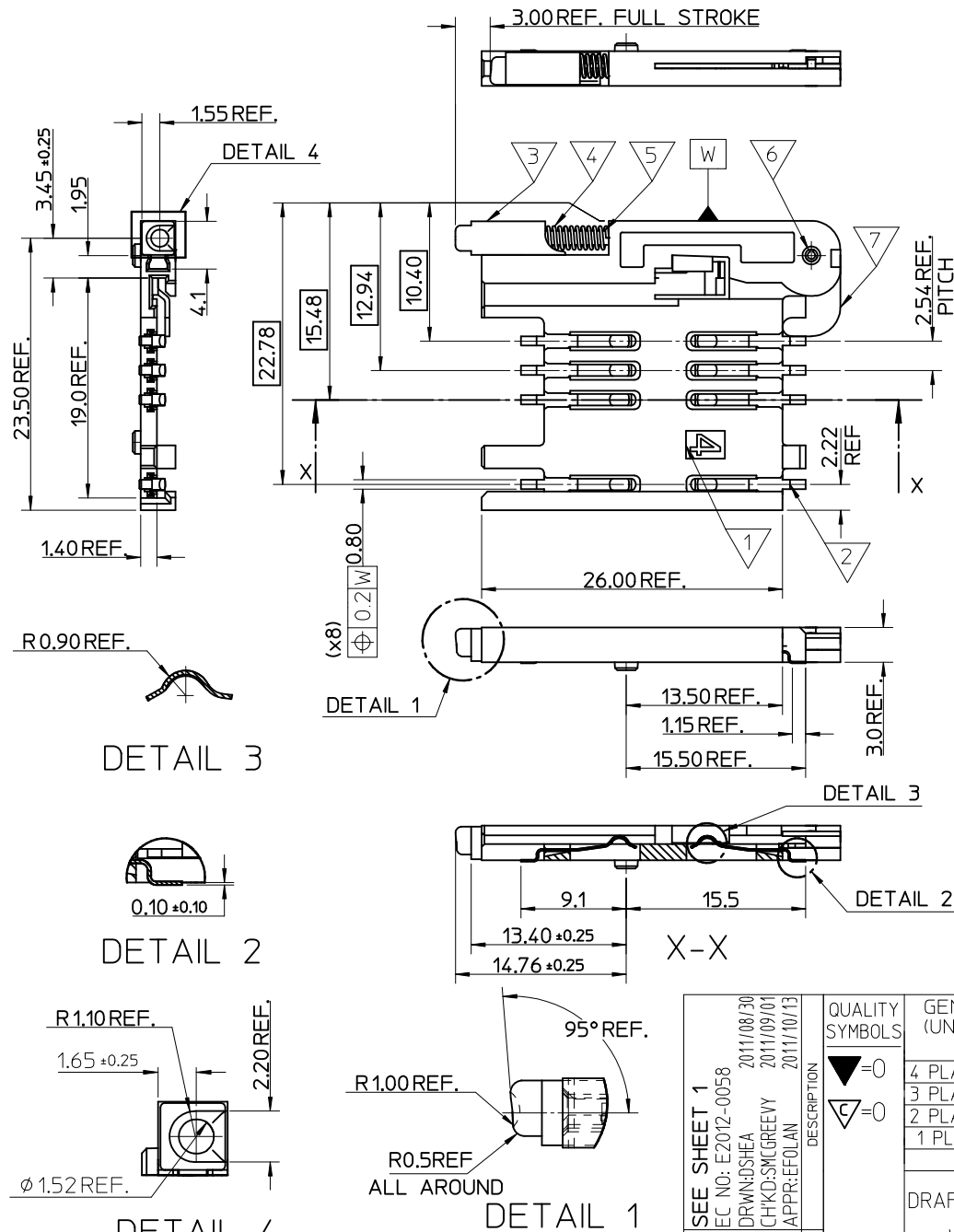


QUALITY SYMBOLS	
	=0
	=0

DIMENSION STYLE	
MM ONLY	
DRAWN BY	DATE
RFORREY	2006/11/2
CHECKED BY	DATE
FDUGGAN	2006/11/2
APPROVED BY	DATE
EFOLAN	2006/11/2
MATERIAL NO.	
SEE TABLE	
SIZE	THIS DRAWING CONTAINS INCORPORATED AND
A3	

SCALE 5:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION
TITLE SIM CONNECTOR ASSY		
 MOLEX INCORPORATED		
DOCUMENT NO. SD-91228-001		SHEET NO. 1 OF 6

TRADES INFORMATION THAT IS PROPRIETARY TO MOLEX
SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION



NOTES:

1. SEE PRODUCT SPECIFICATION PS-99020-0071.
2. PACKAGING: TAPE & REEL, FOR DETAIL SEE SDA-91228-9001, SHEET 1
3. FOR ALL UNSPECIFIED DIMENSIONS AND NOTES SEE SHEET 1.

ITEM	COMPONENT	QTY	MATERIAL
1	HOUSING		LIQUID CRYSTAL POLYMER (LCP) 30% GLASS FILL, UL94 V-0, COLOUR: BLACK
2	TERMINAL		0.15 PHOSPHOR BRONZE. 0.14µm MIN Au OVER Pd/Ni IN CONTACT AREA 2.54µm MIN Sn ON SMT TAILS
3	PUSH BUTTON		GF POLYAMIDE 6T/66. BLACK.
4	COIL SPRING		0.25 REF THK STAINLESS STEEL
5	PUSH ROD		0.4 REF THK STAINLESS STEEL
6	C-PIN		STEEL
7	LEVER		0.4 REF THK STAINLESS STEEL

SEE SHEET 1
EC NO: E2012-0058
2011/08/30
DRWN: DSHEA
CHKD: SMGREVY
2011/09/01
APPR: EFO LAN
2011/10/13

QUALITY SYMBOLS
▽=0
▽=0
REV

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.05	± ---
1 PLACE	± 0.1	± ---
ANGULAR ± 2 °		

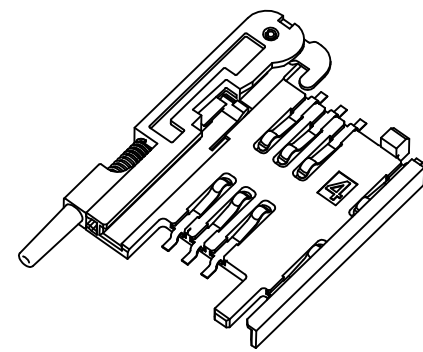
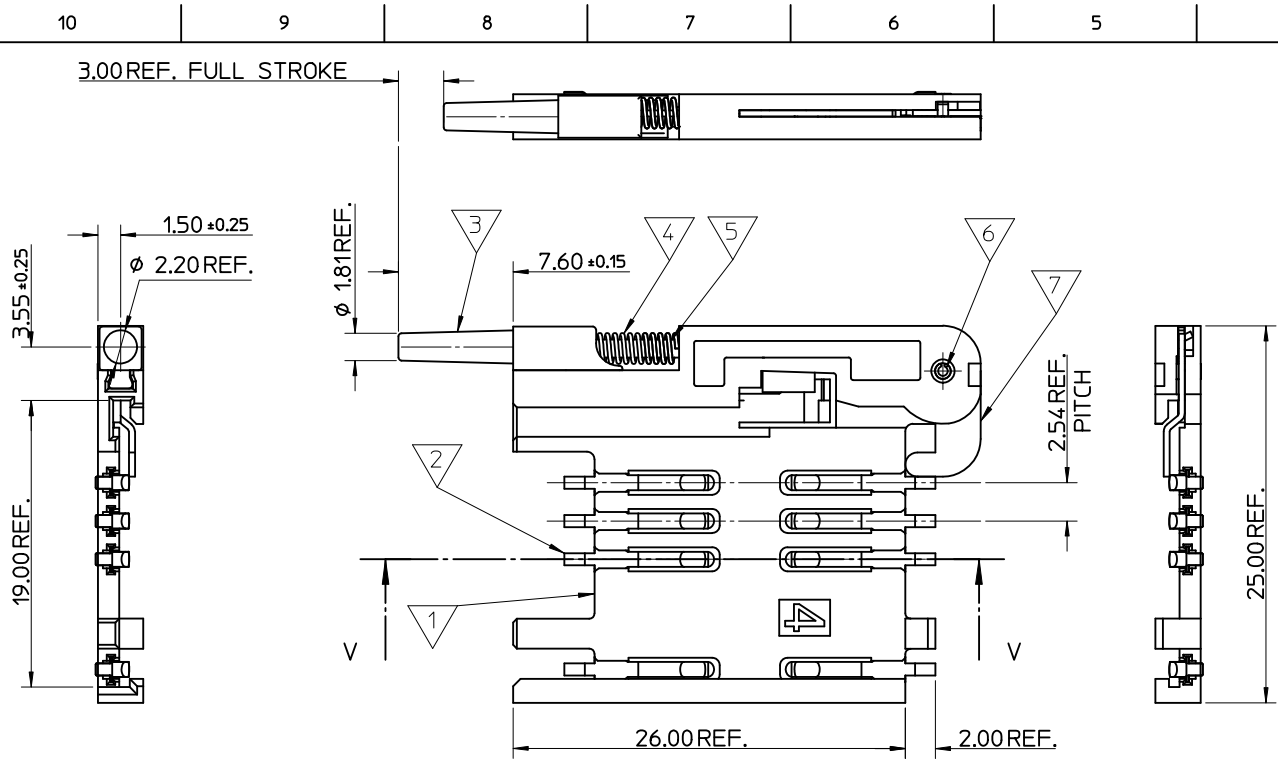
DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

DIMENSION STYLE
MM ONLY

DRAWN BY	DATE
RFORREY	2006/11/27
CHECKED BY	DATE
FDUGGAN	2006/11/27
APPROVED BY	DATE
EFO LAN	2006/11/27
MATERIAL NO. 912283002	

SCALE 5:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
TITLE SIM CONNECTOR ASSY		
molex MOLEX INCORPORATED		SHEET NO. 2 OF 6
DOCUMENT NO. SD-91228-001		

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



- NOTES:
1. SEE PRODUCT SPECIFICATION PS-91228-004.
 2. PACKAGING: TAPE & REEL, FOR DETAIL SEE SDA-91228-9001, SHEET 2.
 3. SEE SHEET 1 FOR ALL UNSPECIFIED NOTES AND DIMENSIONS.
 4. ALLOWABLE FLASH IN THIS AREA 0.3mm MAX.

ITEM	COMPONENT	QTY	MATERIAL
1	HOUSING	1	LIQUID CRYSTAL POLYMER (LCP) 30% GLASS FILL, UL94 V-0, COLOUR: BLACK
2	TERMINAL	8	0.15 PHOSPHOR BRONZE. 0.14mm MIN Au OVER Pd/Ni IN CONTACT AREA 2.54mm MIN Sn ON SMT TAILS
3	PUSH BUTTON	1	GF POLYAMIDE 6T/66, NATURAL
4	COIL SPRING	1	0.25 REF THK STAINLESS STEEL
5	PUSH ROD	1	0.4 REF THK STAINLESS STEEL
6	C-PIN	1	STEEL
7	LEVER	1	0.4 REF THK STAINLESS STEEL

SEE SHEET 1

EC NO: E2012-0058

DRW: DSHEA 2011/08/30

CHKD: SMCREEVY 2011/09/01

APPR: EFOLAN 2011/10/13

QUALITY SYMBOLS

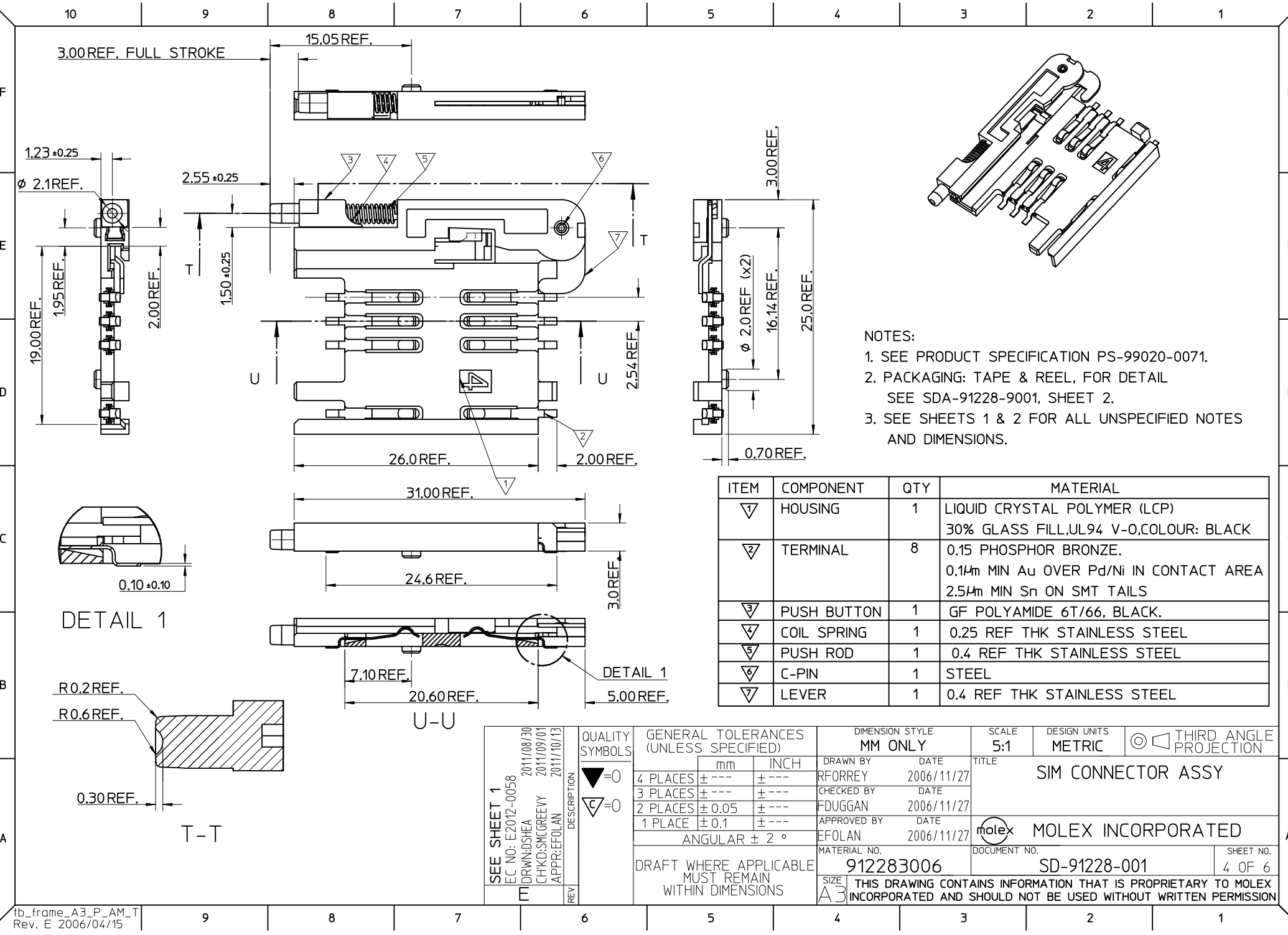
▽=0

▽C=0

DESCRIPTION

REV

GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
		MM ONLY		5:1	METRIC	
4 PLACES	± ---	mm	INCH	DRAWN BY	DATE	SIM CONNECTOR ASSY
3 PLACES	± ---			RFORREY	2006/11/27	
2 PLACES	± 0.05			CHECKED BY	DATE	
1 PLACE	± 0.1			FDUGGAN	2006/11/27	
ANGULAR ± 2 °				APPROVED BY	DATE	MOLEX INCORPORATED
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				EFOLAN	2006/11/27	
		MATERIAL NO.		DOCUMENT NO.		SHEET NO.
		912283005		SD-91228-001		
		SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		



- NOTES:
- 1. SEE PRODUCT SPECIFICATION PS-99020-0071.
 - 2. PACKAGING: TAPE & REEL, FOR DETAIL SEE SDA-91228-9001, SHEET 2.
 - 3. SEE SHEETS 1 & 2 FOR ALL UNSPECIFIED NOTES AND DIMENSIONS.

ITEM	COMPONENT	QTY	MATERIAL
1	HOUSING	1	LIQUID CRYSTAL POLYMER (LCP) 30% GLASS FILL,UL94 V-0,COLOUR: BLACK
2	TERMINAL	8	0.15 PHOSPHOR BRONZE. 0.14mm MIN Au OVER Pd/Ni IN CONTACT AREA 2.54mm MIN Sn ON SMT TAILS
3	PUSH BUTTON	1	GF POLYAMIDE 6T/66, BLACK.
4	COIL SPRING	1	0.25 REF THK STAINLESS STEEL
5	PUSH ROD	1	0.4 REF THK STAINLESS STEEL
6	C-PIN	1	STEEL
7	LEVER	1	0.4 REF THK STAINLESS STEEL

SEE SHEET 1

EC NO: E2012-0058

DRWN:DSHEA 2011/08/30

CHKD:SMGREWY 2011/09/01

APPR:EFOLAN 2011/10/13

DESCRIPTION

REV

QUALITY SYMBOLS

▽=0

▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

mm INCH

4 PLACES ± --- ± ---

3 PLACES ± --- ± ---

2 PLACES ± 0.05 ± ---

1 PLACE ± 0.1 ± ---

ANGULAR ± 2 °

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE

MM ONLY

DRAWN BY RFORREY

DATE 2006/11/27

CHECKED BY

DATE

FUGGAN

2006/11/27

APPROVED BY

DATE

EFOLAN

2006/11/27

MATERIAL NO.

912283006

SIZE

A3

SCALE

5:1

DESIGN UNITS

METRIC

THIRD ANGLE PROJECTION

TITLE

SIM CONNECTOR ASSY

MOLEX INCORPORATED

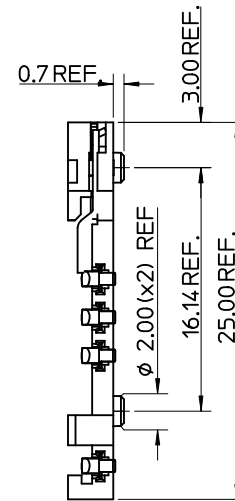
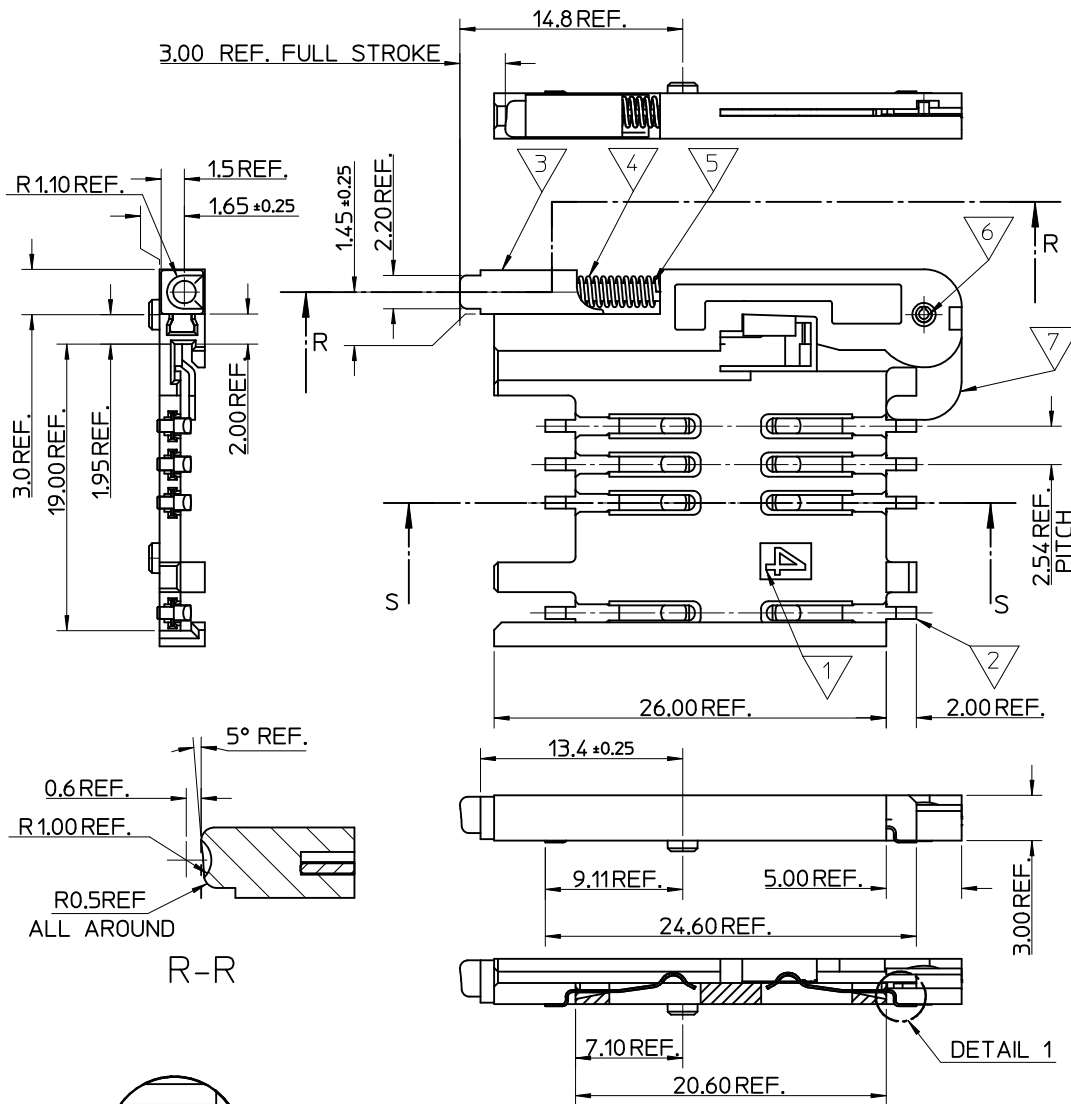
DOCUMENT NO.

SD-91228-001

SHEET NO.

4 OF 6

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



NOTES:

1. SEE PRODUCT SPECIFICATION PS-99020-0071.
2. PACKAGING: TAPE & REEL, FOR DETAIL SEE SDA-91228-9001, SHEET 1.
3. SEE SHEET 1 FOR ALL UNSPECIFIED NOTES AND DIMENSIONS.

ITEM	COMPONENT	QTY	MATERIAL
1	HOUSING	1	LIQUID CRYSTAL POLYMER (LCP) 30% GLASS FILL, UL94 V-O, COLOUR: BLACK
2	TERMINAL	8	0.15 PHOSPHOR BRONZE. 0.14μm MIN Au OVER Pd/Ni IN CONTACT AREA 2.54μm MIN Sn ON SMT TAILS
3	PUSH BUTTON	1	GF POLYAMIDE 6T/66, BLUE
4	COIL SPRING	1	0.25 REF THK STAINLESS STEEL
5	PUSH ROD	1	0.4 REF THK STAINLESS STEEL
6	C-PIN	1	STEEL
7	LEVER	1	0.4 REF THK STAINLESS STEEL

S-S

SEE SHEET 1
EC NO: E2012-0058
2011/08/30
DRW:DSHEA
2011/09/01
CHKD:SMCGREVV
2011/10/13
APPR:EFOLAN

QUALITY SYMBOLS
▽=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.05	± ---
1 PLACE	± 0.1	± ---
ANGULAR ± 2 °		

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

DIMENSION STYLE
MM ONLY

DRAWN BY	DATE
RFORREY	2006/11/27
CHECKED BY	DATE
FDUGGAN	2006/11/27
APPROVED BY	DATE
EFOLAN	2006/11/27

MATERIAL NO.
912283007

SCALE 5:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
TITLE SIM CONNECTOR ASSY		
MOLEX INCORPORATED		
DOCUMENT NO. SD-91228-001	SHEET NO. 5 OF 6	

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

10 9 8 7 6 5 4 3 2 1

F

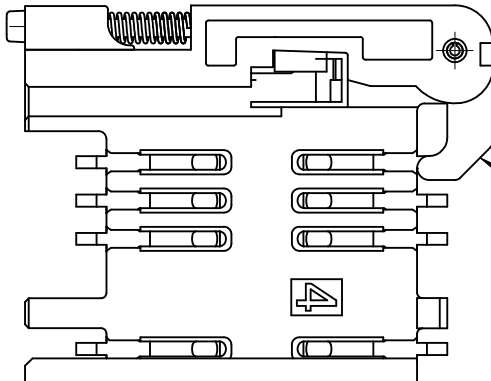
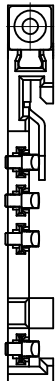
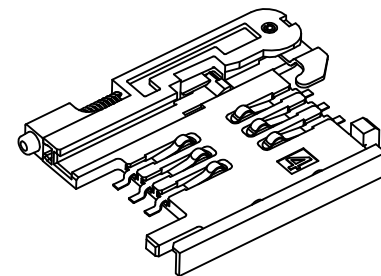
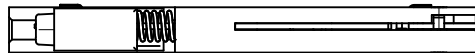
E

D

C

B

A



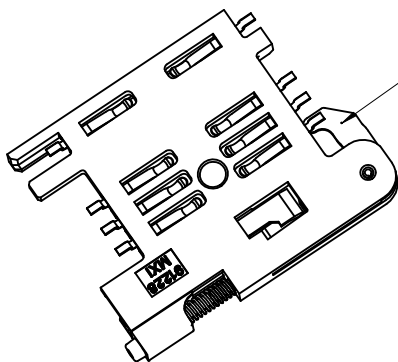
NOTE 4



NOTE 6
BLACK COLOUR
THIS FACE

NOTES:

1. SEE PRODUCT SPECIFICATION PS-91228-016
2. PACKAGING: TAPE & REEL, FOR DETAIL
SEE SDA-91228-9001, SHEET 1
3. FOR ALL UNSPECIFIED DIMENSIONS AND NOTES
SEE SHEET 1.
4. 5mm EJECTOR LEVER
5. CARD HOLDER EJECTION DISTANCE: 5.0 ± 0.3 mm
6. LEVER FACE TO BE COLOURED BLACK WITH ALCOHOL BASED INK.

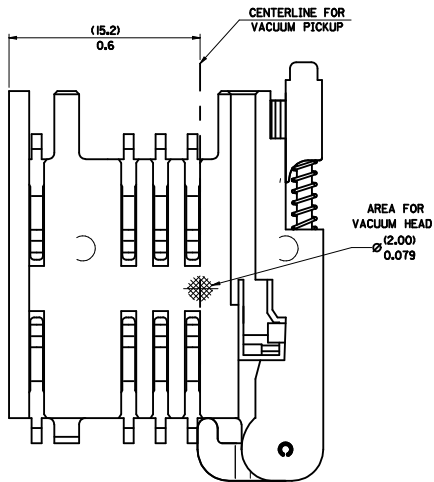


SEE SHEET 1 EC NO: E2012-0058 DRW:DSHEA 2011/08/30 CHKD:SMCGREY 2011/09/01 APPR:EFOLAN 2011/10/13 REV	DESCRIPTION	QUALITY SYMBOLS ▽=0 ◻=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 3:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	TITLE SIM CONNECTOR ASSY		
				mm	INCH	DRAWN BY RFORREY	DATE 2006/11/27	DOCUMENT NO. SD-91228-001			SHEET NO. 6 OF 6	
			4 PLACES	± ---	± ---	CHECKED BY FDUGGAN	DATE 2006/11/27					
			3 PLACES	± ---	± ---	APPROVED BY EFOLAN	DATE 2006/11/27					
			2 PLACES	± 0.05	± ---	MATERIAL NO. 912283016		MOLEX INCORPORATED				
			1 PLACE	± 0.1	± ---	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

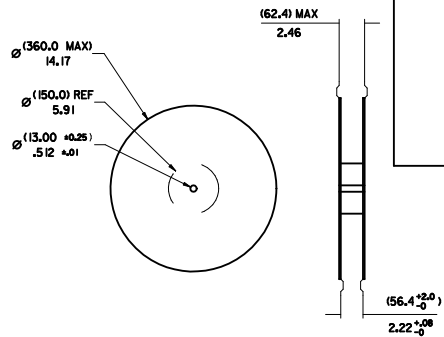
9 8 7 6 5 4 3 2 1

PART NO	DESCRIPTION	TYPE OF REEL
91228-0001 & 91228-3001	SIM CONNECTOR WITHOUT PEGS	CARDBOARD
91228-0002 & 91228-3002	SIM CONNECTOR WITH PEGS	CARDBOARD
91228-0012 & 91228-3012	SIM CONNECTOR WITH PEGS	CARDBOARD
91228-0007 & 91228-3007	SIM CONNECTOR WITH PEGS	CARDBOARD
91228-3019	SIM CONNECTOR WITHOUT PEGS	PLASTIC

COMPONENT PICK UP DETAIL



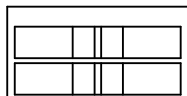
REFERENCE ONLY



REEL DIMENSIONS

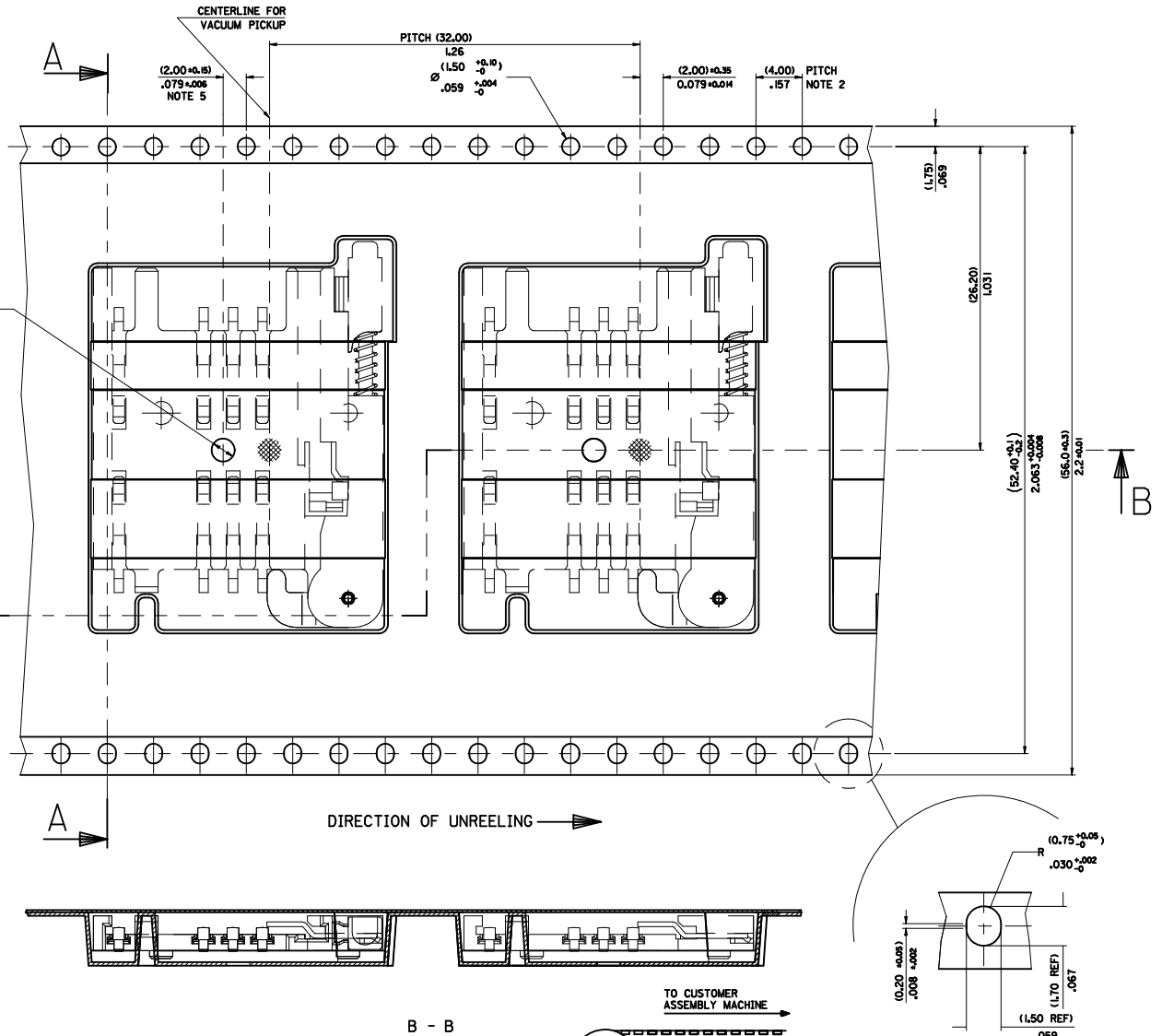
NOT TO SCALE

- (400) PIECES ON A REEL
- (2) REELS / CARDBOARD BOX
- (800) PIECES / CARDBOARD BOX - SUBJECT TO CHANGE

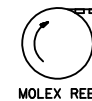


NOTES:

- MATERIAL :
CARRIER TAPE : VOLUME CONDUCTIVE POLYSTYRENE, 0.40 REF THICK, BLACK
COVER TAPE : COLD SEAL POLYESTER, 0.06 REF THICK TRANSPARENT
- PITCH TOLERANCE OVER ANY 10 PITCHES ± 0.2 MM
- PEEL FORCE OF THE COVER TAPE IS 0.1 N TO 1.0 N
AT A MAXIMUM PEEL SPEED OF 300 MM/MIN $\pm 10\%$
- PACKAGING SPEC, PK-91228-002
- REFERENCE TO IEC 286-3 EXCEPT WHERE NOTED



B - B



TO CUSTOMER
ASSEMBLY MACHINE

SCALE 10:1

ADD REEL OPTION		QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE		DESIGN UNITS		THIRD ANGLE PROJECTION	
LEC NO: E2012-0058		2011/08/31		mm		MM/IN		1:1		METRIC		R	
DRAWN BY: DRWNSHEA		2011/09/01		4 PLACES $\pm$ --- $\pm$ ---		DRAWN BY: DMAHER		DATE: 2006/12/07		TITLE: BLISTER PACKAGING		SHEET NO. 1 OF 4	
CHECKED BY: CHKD:SKGREY		2011/10/13		3 PLACES $\pm$ --- $\pm$ ---		CHECKED BY: FDUGGAN		DATE: 2006/12/07		MATERIAL NO. SDA-91228-9001		MATERIAL NO. SDA-91228-9001	
APPROVED BY: APPR:EFOLAN		2011/10/13		2 PLACES ± 0.10 $\pm$ ---		APPROVED BY: EFOLAN		DATE: 2006/12/07		MATERIAL NO. SDA-91228-9001		MATERIAL NO. SDA-91228-9001	
				1 PLACE ± 0.20 $\pm$ ---									
				ANGULAR $\pm 2^\circ$									
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS									

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