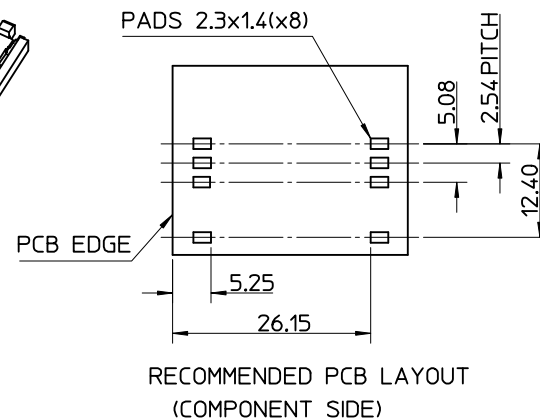
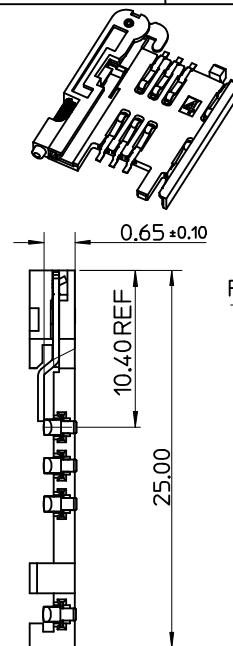


Technical drawing of a mechanical assembly. The left part shows a cross-section of a housing with a spring inside. The right part shows a shaft with a pin inserted through it.



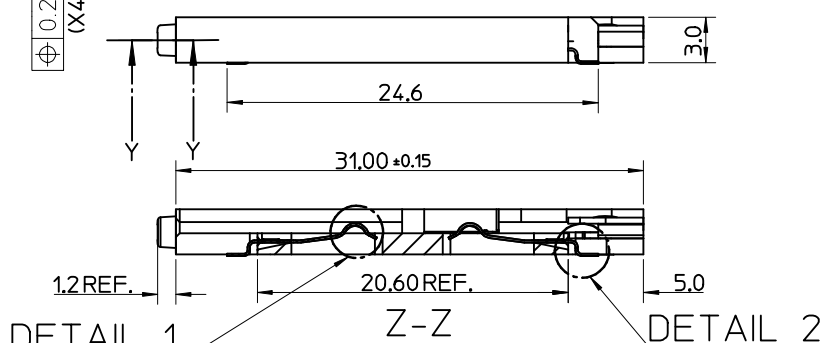
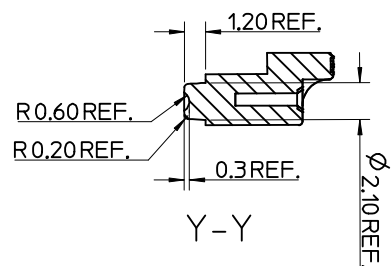
1. SEE PRODUCT SPECIFICATION PS-99020-0071.
2. PACKAGING: TAPE & REEL, FOR DETAIL
SEE SDA-91228-9001, SHEET 1
3. PUSH ROD/LEVER MUST NOT PROTRUDE
BEYOND HOUSING EDGE IN THIS AREA.
4. TAILS ON EACH SIDE OF CONNECTOR TO LIE
WITHIN 0.12 mm OF EACH OTHER
5. DATECODE: (YEAR, WEEK, WEEK, DAY, HOUR, HOUR)

R0.90 REF.

0.60^{+0.25}_{-0.20}

TYP CONTACT HEIGHT

DETAIL 1



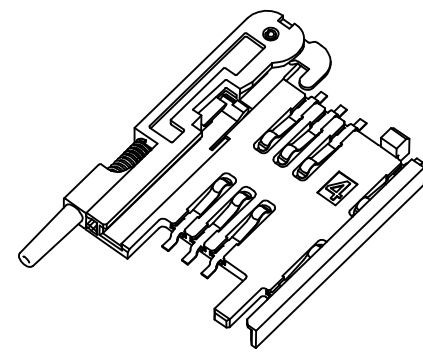
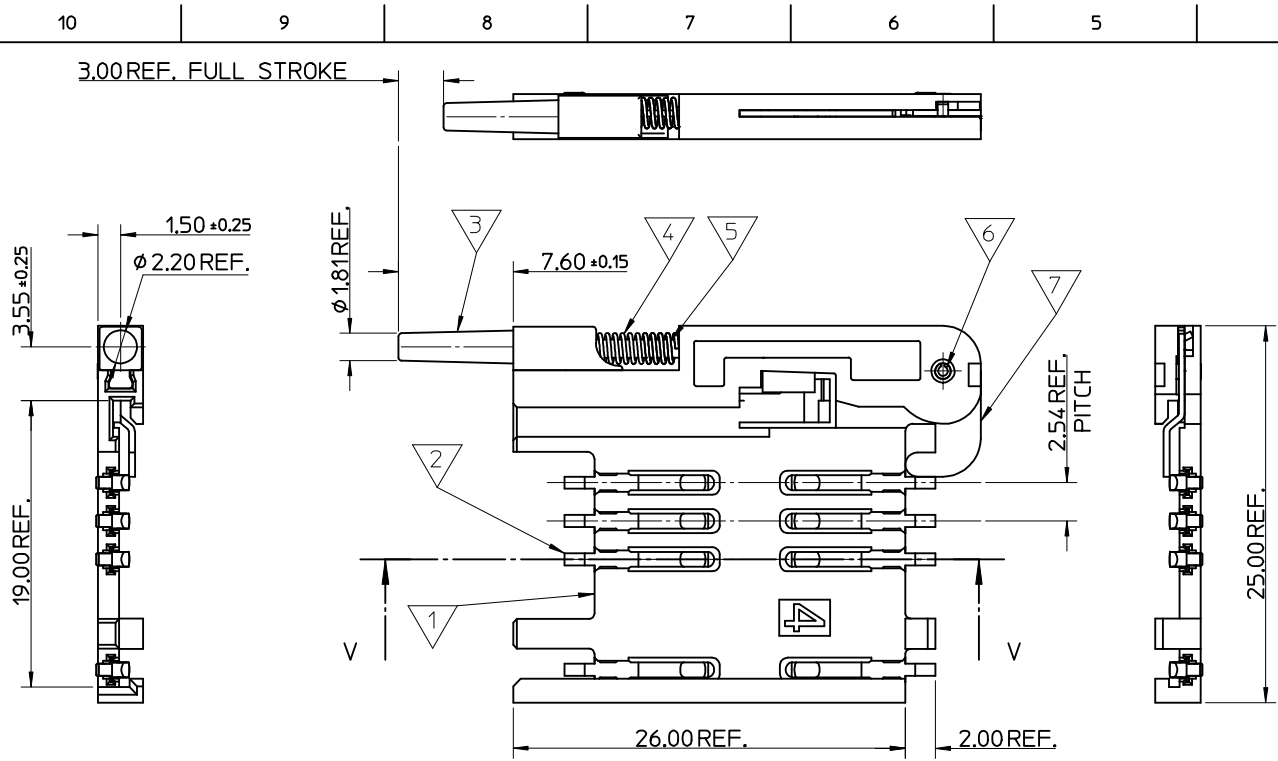
QUALITY SYMBOLS

 = 0

 = 0

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.	
SEE TABLE	
SIZE A3	THIS DRAWING CONTAINS INCORPORATED AND

SCALE 5:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
TITLE SIM CONNECTOR ASSY		
 MOLEX INCORPORATED		
DOCUMENT NO. SD-91228-001		SHEET NO. 1 OF 5
THIS INFORMATION THAT IS PROPRIETARY TO MOLEX 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: IPG2017-0662

DRWN: KOBRIEN01

CHKD:

APPR: STGRIFIN

REV

2017/01/10

2017/03/24

QUALITY SYMBOLS

DESCRIPTION

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

CHECKED BY

DATE

APPROVED BY

DATE

MATERIAL NO.

912283005

SIZE

A3

SCALE

5:1

DESIGN UNITS

METRIC

THIRD ANGLE PROJECTION

TITLE

SIM CONNECTOR ASSY

DOCUMENT NO.

SD-91228-001

SHEET NO.

3 OF 5

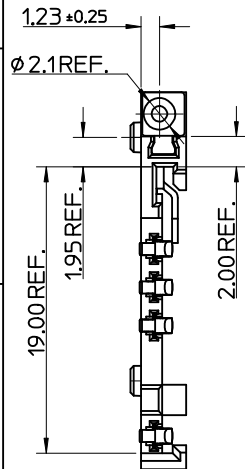
MOLEX INCORPORATED

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

3.00REF. FULL STROKE

15.05REF.



2.55 ± 0.25

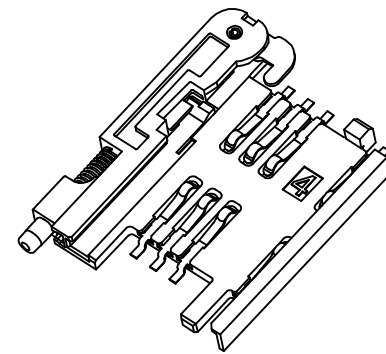
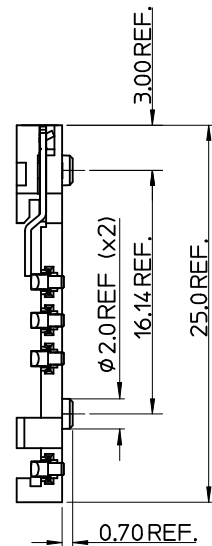
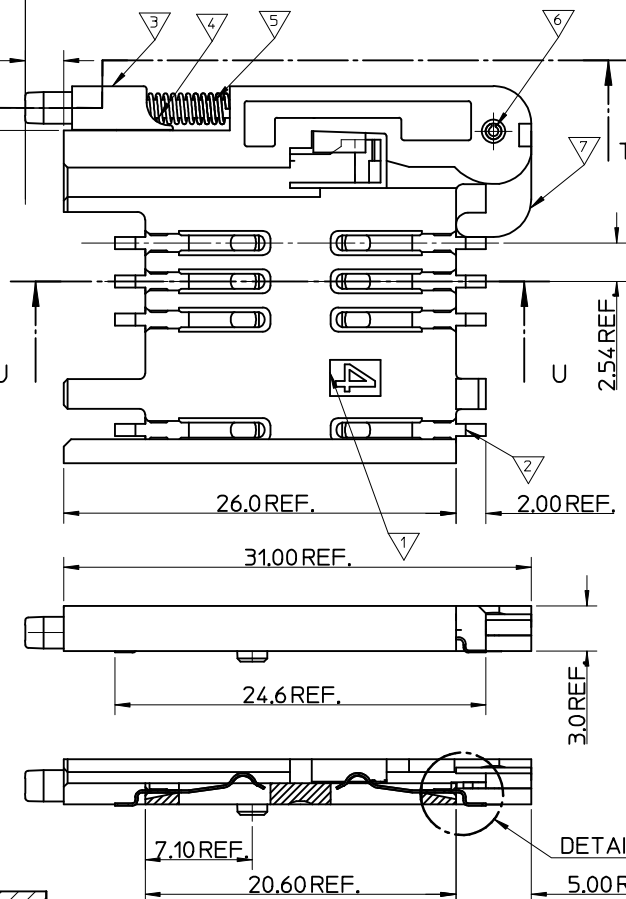
1.50 ± 0.25

T

U

T

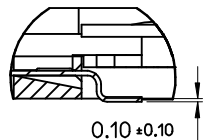
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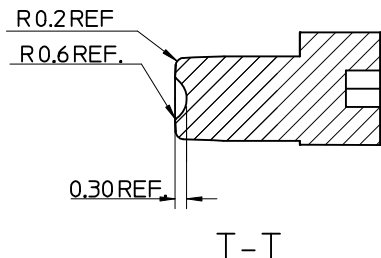
NOTES:

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



DETAIL 1



T-T

SEE SHEET 1
EC NO: IPG2017-0662
DRAWN: KOBRIEN01 2017/01/10
CHKD:
APPR: STGR/FFIN 2017/03/24

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

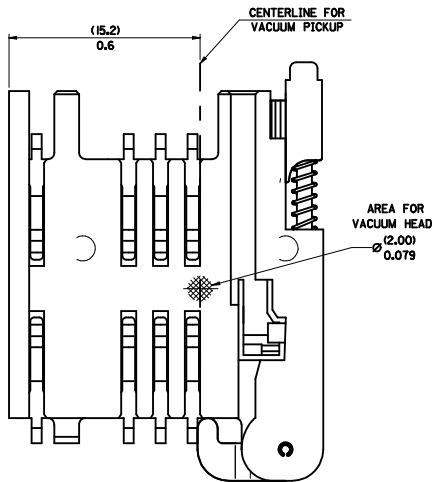
DIMENSION STYLE
MM ONLY
DRAWN BY: RFORREY
DATE: 2006/11/27
CHECKED BY: FDUGGAN
DATE: 2006/11/27
APPROVED BY: EFOLAN
DATE: 2006/11/27
MATERIAL NO. 912283006

SCALE 5:1
DESIGN UNITS METRIC
THIRD ANGLE PROJECTION
TITLE SIM CONNECTOR ASSY
MOLEX INCORPORATED
DOCUMENT NO. SD-91228-001
SHEET NO. 4 OF 5
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

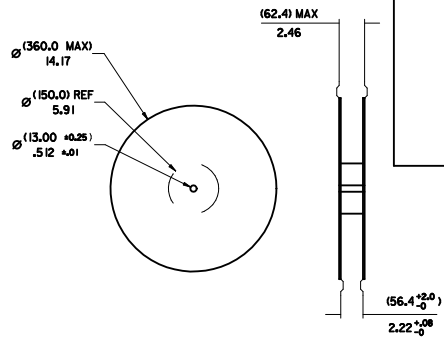
9 8 7 6 5 4 3 2 1

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

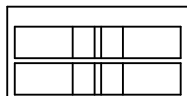


REFERENCE ONLY



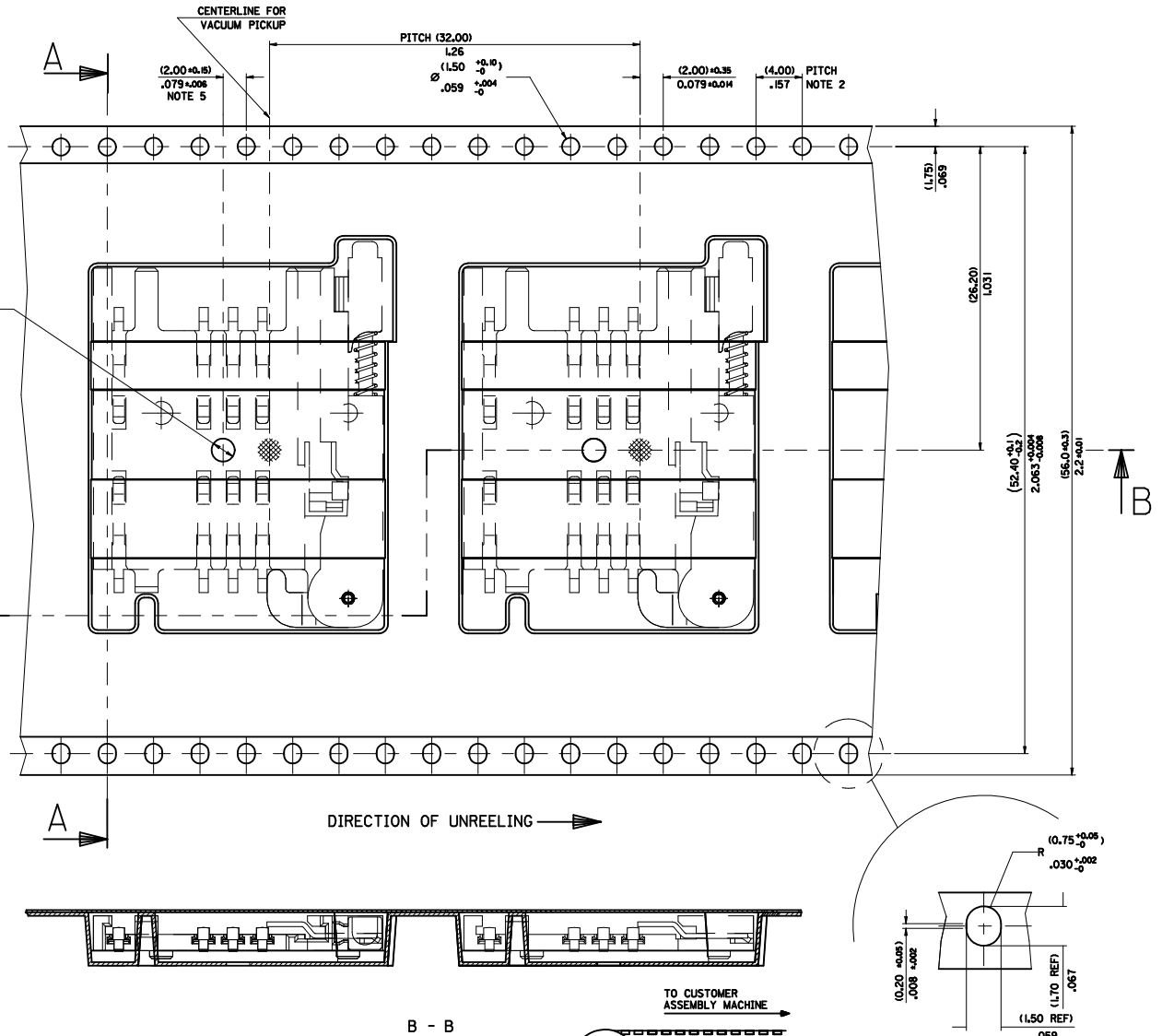
REEL DIMENSIONS NOT TO SCALE

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



NOTES:

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



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 $\pm$ ---		DRAWN BY: DMAHER		DATE: 2006/12/07		TITLE: BLISTER PACKAGING		SHEET NO. 1 OF 4	
CHECKED BY: CHKD:SKGREY		2011/10/13		3 PLACES $\pm$ ---		CHECKED BY: FUGGAN		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		APPROVED BY: EFOLAN		DATE: 2006/12/07		MATERIAL NO. SDA-91228-9001		MATERIAL NO. SDA-91228-9001	
				1 PLACE ± 0.20									
				ANGULAR $\pm 2^\circ$									
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS									

4	D
3	C
2	C
1	B

4	D
3	C
2	C
1	B

4	D
3	C
2	C
1	B

4	D
3	C
2	C
1	B

4	D
3	C
2	C
1	B

4	D
3	C
2	C
1	B