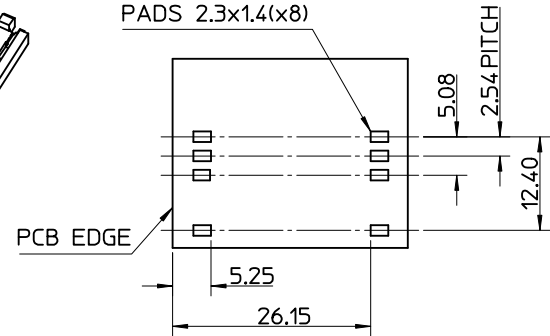
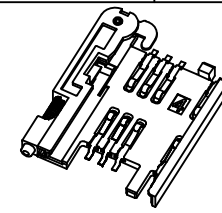
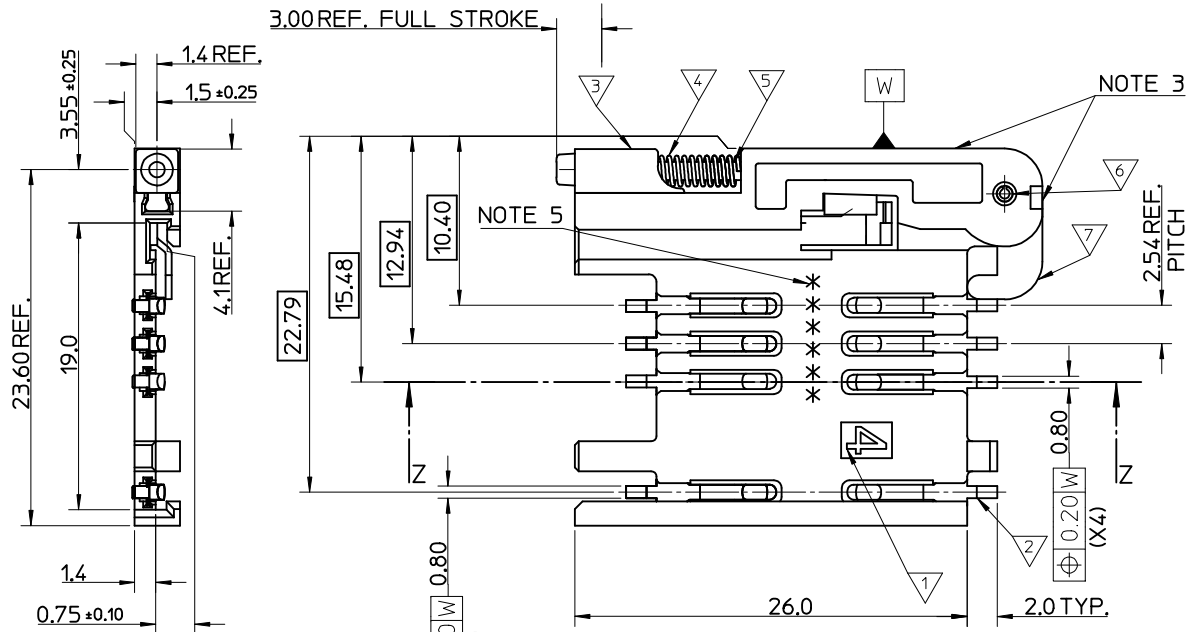


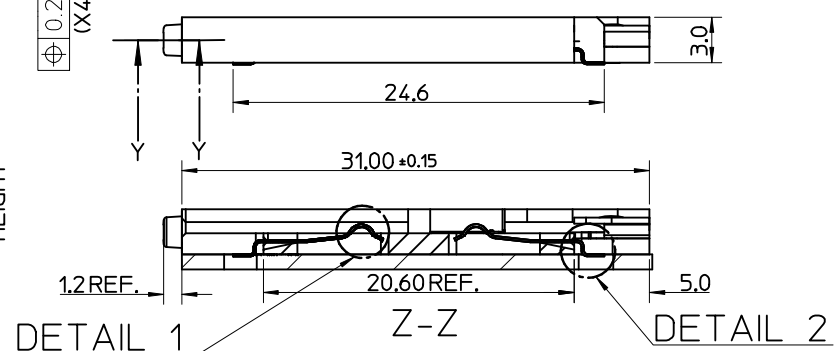
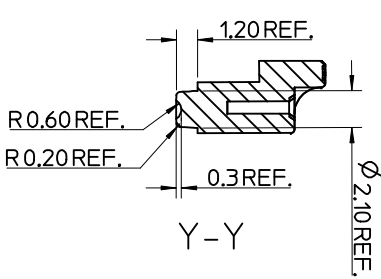
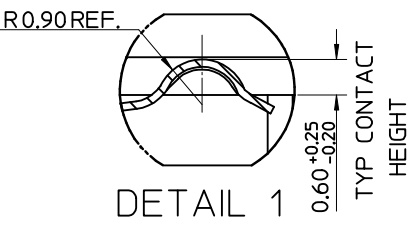
| MATERIAL NUMBER | DESCRIPTION |
|-----------------|----------------------------|
| 912283001 | REELED ONTO CARDBOARD REEL |
| 912283019 | REELED ONTO PLASTIC REEL |

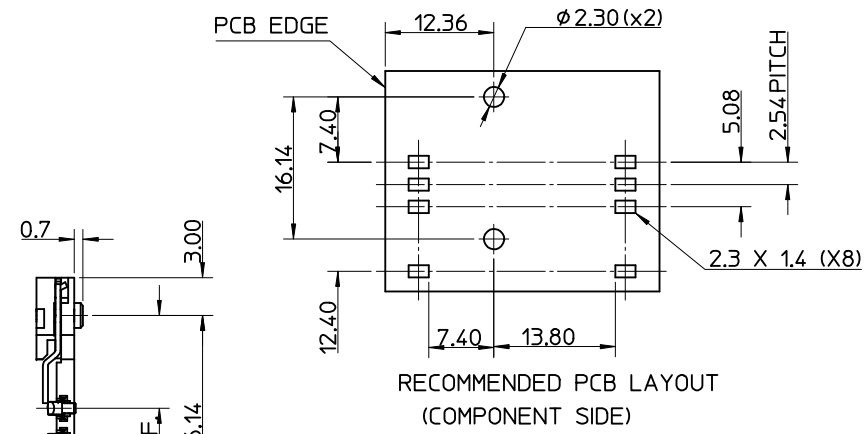
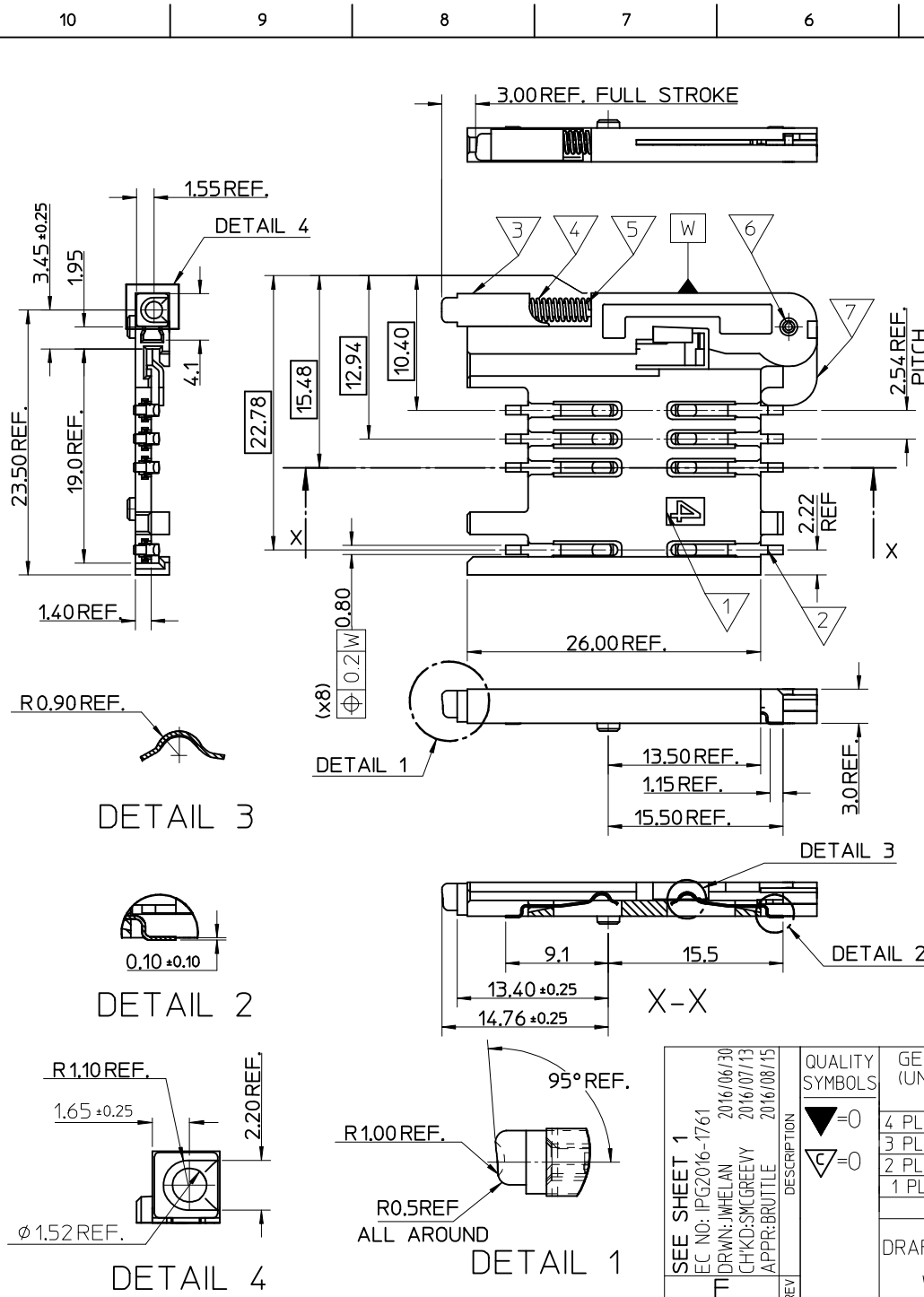


RECOMMENDED PCB LAYOUT
(COMPONENT SIDE)

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

| ITEM | COMPONENT | QTY | MATERIAL |
|------|-------------|-----|---|
| ▽ | HOUSING | 1 | LIQUID CRYSTAL POLYMER (LCP) 30% GLASS FILL, JL94 V-O, COLOUR: BLACK |
| ▽ | TERMINAL | 8 | 0.15 PHOSPHOR BRONZE, 0.14µm MIN Au OVER Pd/Ni IN CONTACT AREA 2.54µm MIN Sn ON SMT TAILS |
| ▽ | PUSH BUTTON | 1 | GF POLYAMIDE 6T/66, YELLOW |
| ▽ | COIL SPRING | 1 | 0.25 REF THK STAINLESS STEEL |
| ▽ | PUSH ROD | 1 | 0.4 REF THK STAINLESS STEEL |
| ▽ | C-PIN | 1 | STEEL |
| ▽ | LEVER | 1 | 0.4 REF THK STAINLESS STEEL |

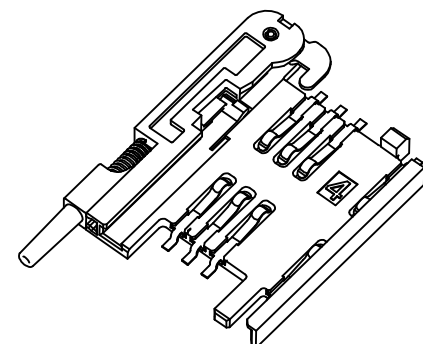
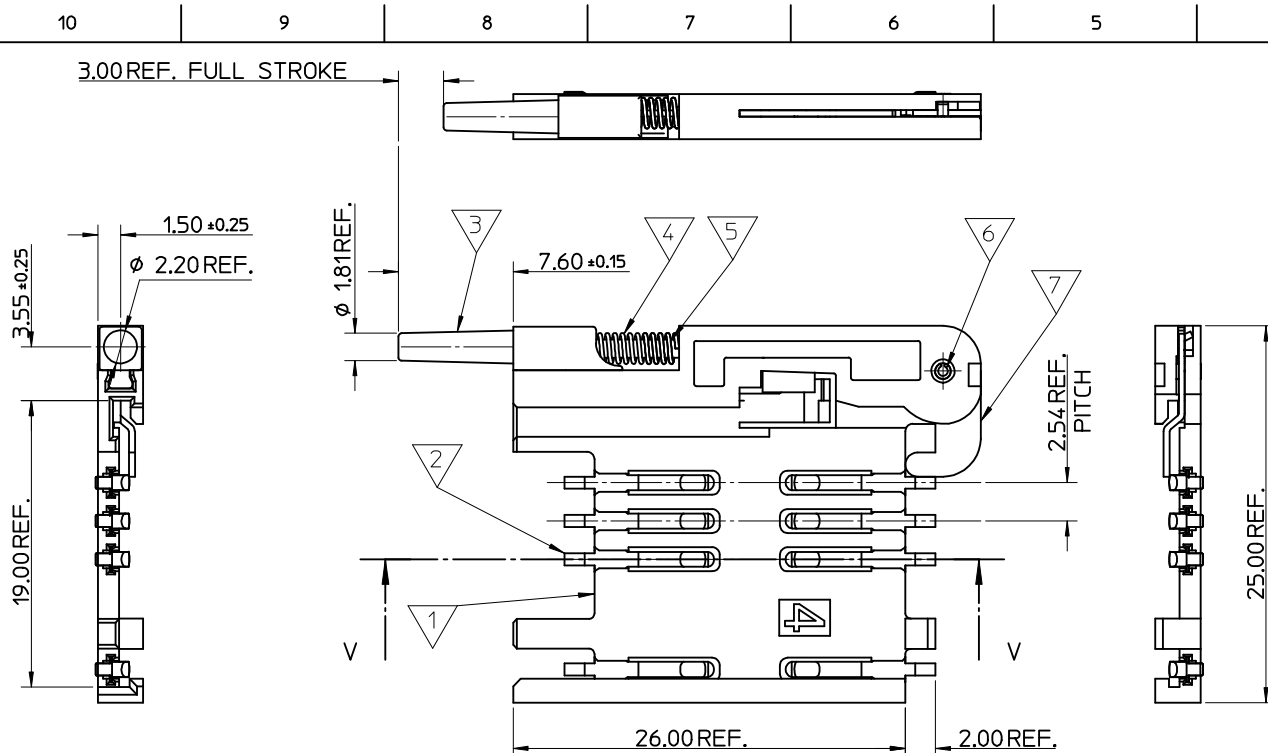




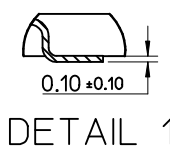
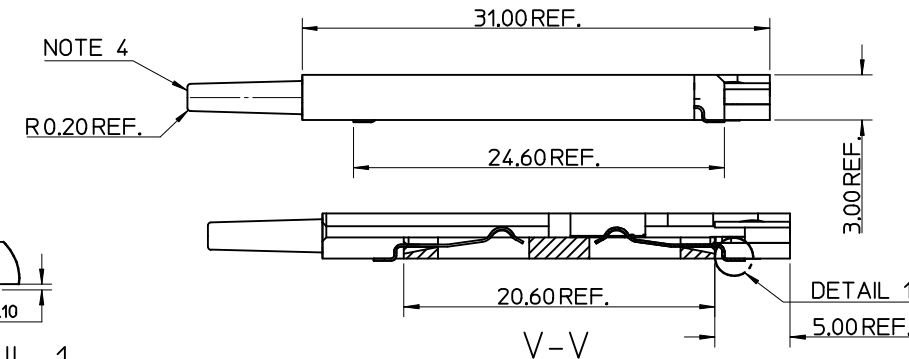
- NOTES:
1. SEE PRODUCT SPECIFICATION PS-99020-0071.
 2. PACKAGING: TAPE & REEL, FOR DETAIL SEE SDA-91228-9001, SHEET 1
 3. FOR ALL UNSPECIFIED DIMENSIONS AND NOTES SEE SHEET 1.

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

| | | | | | | |
|--|---|--|---|--|------------------------------------|---------------------|
| SEE SHEET 1 EC NO: IPG2016-1761 DRWN: JWEHLAN 2016/06/30 CHKD: SMCREEVY 2016/07/13 APPR: BRUTTLE 2016/08/15 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 ° | DIMENSION STYLE MM ONLY DRAWN BY: RFORREY DATE: 2006/11/27 CHECKED BY: DATE: APPROVED BY: FDUGGAN DATE: 2006/11/27 MATERIAL NO. EFOLAN 2006/11/27 | SCALE 5:1 DESIGN UNITS METRIC | THIRD ANGLE PROJECTION | |
| | TITLE SIM CONNECTOR ASSY | | | | | |
| | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | | MOLEX INCORPORATED 912283002 | MOLEX INCORPORATED SD-91228-001 | SHEET NO. 2 OF 6 |
| | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | | |



- NOTES:
- SEE PRODUCT SPECIFICATION PS-91228-004.
 - PACKAGING: TAPE & REEL, FOR DETAIL SEE SDA-91228-9001, SHEET 2.
 - SEE SHEET 1 FOR ALL UNSPECIFIED NOTES AND DIMENSIONS.
 - 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: IPG2016-1761 TDRWN: JIMELAN CHKD: SYL GREEVY APPR: BRUTTLE | QUALITY SYMBOLS ▽ = 0 ◻ = 0 | GENERAL TOLERANCES (UNLESS SPECIFIED) | | DIMENSION STYLE MM ONLY | | SCALE 5:1 | DESIGN UNITS METRIC | THIRD ANGLE PROJECTION | |
| | | 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.05 ± --- 1 PLACE ± 0.1 ± --- | mm INCH ± --- ± --- ± 0.05 ± --- ± 0.1 ± --- | DRAWN BY RFORREY | DATE 2006/11/27 | TITLE SIM CONNECTOR ASSY | | | |
| | | ANGULAR ± 2 ° | | CHECKED BY FDUGGAN | DATE 2006/11/27 | MOLEX INCORPORATED | | | |
| | | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | APPROVED BY EFOLAN | DATE 2006/11/27 | MATERIAL NO. 912283005 | DOCUMENT NO. SD-91228-001 | SHEET NO. 3 OF 6 | |

10 9 8 7 6 5 4 3 2 1

3.00REF. FULL STROKE

15.05REF.

1.23 ± 0.25
 ∅ 2.1REF.

2.55 ± 0.25

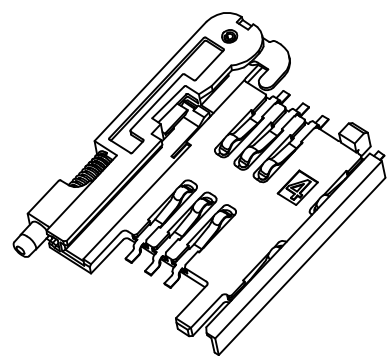
1.50 ± 0.25

3.00REF.

∅ 2.0REF (x2)
 16.14REF.

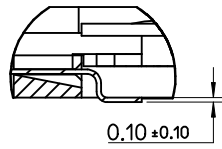
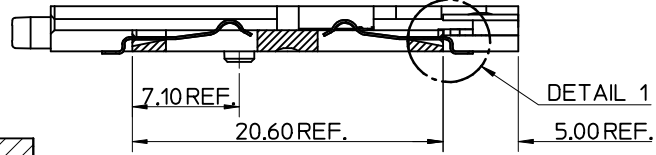
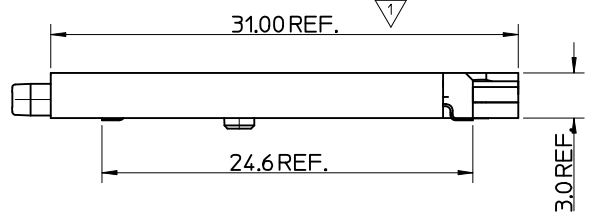
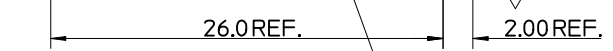
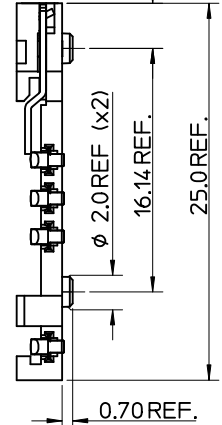
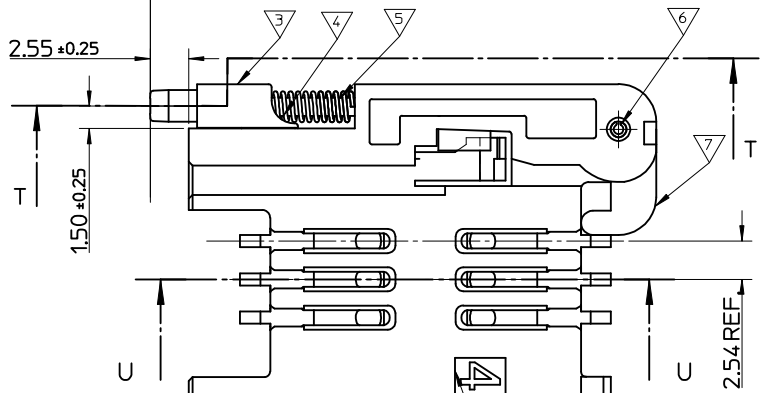
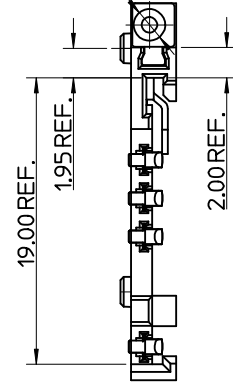
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0.70REF.

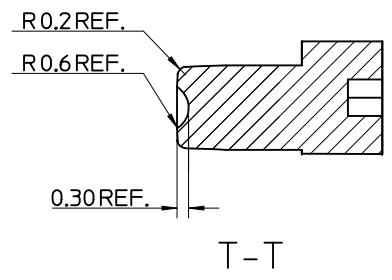


NOTES:

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.



DETAIL 1



T-T

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

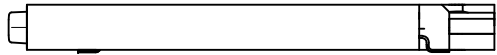
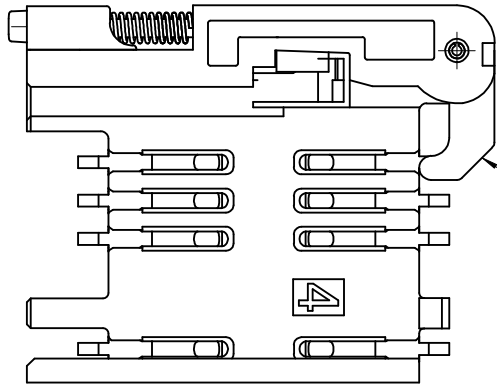
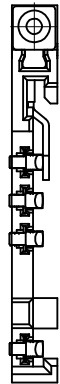
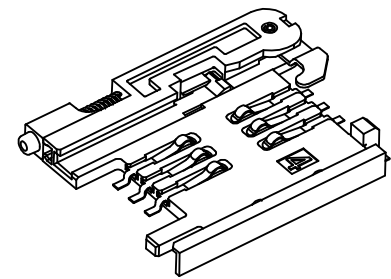
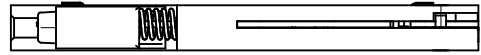
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|---------------------|-------------|
| SEE SHEET 1 | DESCRIPTION |
| EC NO: IPG2016-1761 | 2016/06/30 |
| DRWN: JMEHLAN | 2016/07/13 |
| CHKD: SMGREVY | 2016/08/15 |
| APPR: BRUTILE | |
| REV | |

| QUALITY SYMBOLS | GENERAL TOLERANCES (UNLESS SPECIFIED) | |
|-----------------|---------------------------------------|-------|
| | mm | INCH |
| ▽ = 0 | 4 PLACES ± --- | ± --- |
| ▽ = 0 | 3 PLACES ± --- | ± --- |
| | 2 PLACES ± 0.05 | ± --- |
| | 1 PLACE ± 0.1 | ± --- |
| | ANGULAR ± 2 ° | |

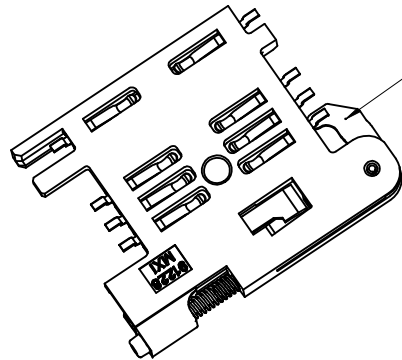
| DIMENSION STYLE | | SCALE | DESIGN UNITS | THIRD ANGLE PROJECTION |
|-----------------|--------------|--------------------|--------------|------------------------|
| MM ONLY | | 5:1 | METRIC | ☉ |
| DRAWN BY | DATE | TITLE | | |
| RFORREY | 2006/11/27 | SIM CONNECTOR ASSY | | |
| CHECKED BY | DATE | | | |
| FUGGAN | 2006/11/27 | | | |
| APPROVED BY | DATE | | | |
| EFOLAN | 2006/11/27 | | | |
| MATERIAL NO. | DOCUMENT NO. | | | |
| 912283006 | SD-91228-001 | | | |

| | | | | |
|---|--|--------------|--|-----------|
| MATERIAL NO. | | DOCUMENT NO. | | SHEET NO. |
| 912283006 | | SD-91228-001 | | 4 OF 6 |
| 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



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±0.3mm
6. LEVER FACE TO BE COLOURED BLACK WITH ALCOHOL BASED INK.

| | | | | | | | | | | | |
|--|--|--|----------------------|----------------------------|---|---------------|------------------------|------------------------------|-----------------------------|--|--|
| SEE SHEET 1 EC NO: IPG2016-1761 DRWN: JWEHLAN 2016/06/30 CHKD: SMCREEVEY 2016/07/13 APPR: BRUTTLE 2016/08/15 | DESCRIPTION QUALITY SYMBOLS ▽=0 ◻=0 | GENERAL TOLERANCES (UNLESS SPECIFIED) | | DIMENSION STYLE MM ONLY | | SCALE 3:1 | DESIGN UNITS METRIC | THIRD ANGLE PROJECTION | | | |
| | | 4 PLACES ± --- ± --- | 3 PLACES ± --- ± --- | 2 PLACES ± 0.05 ± --- | 1 PLACE ± 0.1 ± --- | ANGULAR ± 2 ° | DRAWN BY RFORREY | DATE 2006/11/27 | TITLE SIM CONNECTOR ASSY | | |
| | | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | MATERIAL NO. 912283016 | APPROVED BY EFOLAN | | DATE 2006/11/27 | MOLEX INCORPORATED | | | |
| | | | | SIZE A3 | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | DOCUMENT NO. SD-91228-001 | SHEET NO. 6 OF 6 | | |