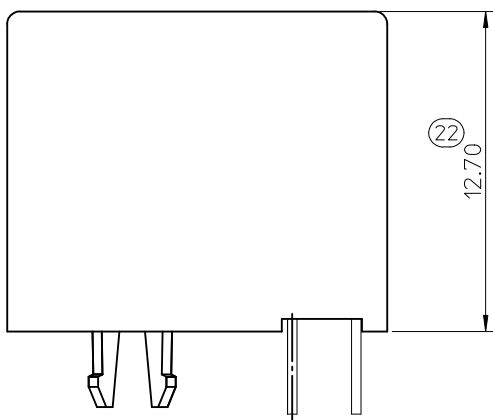


# NOTES :

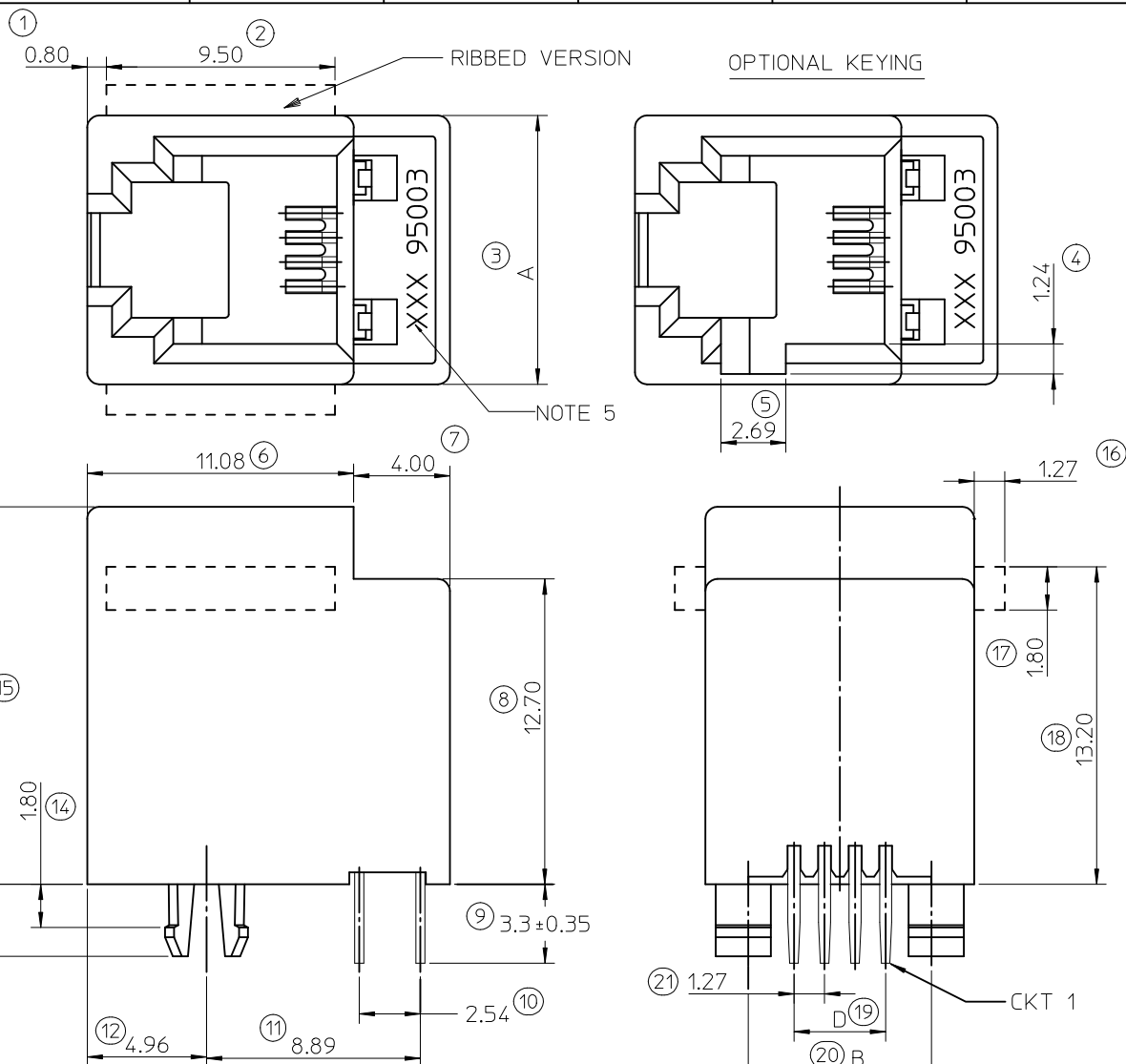
## 1- MATERIAL:

- HOUSING: LCP FIBER GLASS FILLED UL 94-V0  
COLOR BLACK.
  - TERMINAL: COPPER ALLOY
  - BASE FINISH: NICKEL
  - CONTACT SURFACE FINISH  
GOLD  
OR  
GOLD FLASH OVER PALLADIUM NICKEL  
EXCEEDS PRODUCT REQUIREMENTS BASED ON PS-95503-001
  - 2- JACK FOR MATING WITH F.C.C. 68 PLUGS  
90075 MOLEX SERIES.
  - 3. P.C.B. THICKNESS: 1.57
  - 4- PRODUCT SPECIFICATION PS-95503-001
  - 5- PACKAGING SPECIFICATION:
    - STANDARD PACKAGING PK-95003 SHEET 1.
    - TUBE PACKAGING FOR SMT VERSION PK-95003 SHEET 2.
    - TUBE PACKAGING FOR THROUGH HOLE VERSION  
PK-95003 SHEET 3.
    - TAPE AND REEL PACKAGING FOR THROUGH HOLE PK-95503-001.
  - 6- MANUFACTURING I.D. CAN BE MXF, MG OR MXI.
- INSPECTION NUMBERS USED: 1 - 50  
LAST INSPECTION NUMBER: 22

| TYPE<br>DIM. | POS. 4  | POS. 6  |         | POS. 8  |
|--------------|---------|---------|---------|---------|
|              | 4 CKTS. | 4 CKTS. | 6 CKTS. | 8 CKTS. |
| A            | 11.18   | 13.21   | 13.21   | 15.24   |
| B            | 7.62    | 10.16   | 10.16   | 11.43   |
| D            | 3.81    | 3.81    | 6.35    | 8.89    |



SHORT VERSION



|                                                                                                                                |             |                                   |                                                            |        |                             |                                                                                                                                  |                    |                                                                  |                           |                     |  |  |  |
|--------------------------------------------------------------------------------------------------------------------------------|-------------|-----------------------------------|------------------------------------------------------------|--------|-----------------------------|----------------------------------------------------------------------------------------------------------------------------------|--------------------|------------------------------------------------------------------|---------------------------|---------------------|--|--|--|
| MODIFIED PLATING OPTION<br>EC NO: IPG2012-0589<br>DRWN:DBYRNES 2012/03/29<br>CHKD:MSHAHAN 2012/03/30<br>APPR:EFOLAN 2012/06/28 | DESCRIPTION | QUALITY SYMBOLS<br><br>▽=0<br>◻=0 | GENERAL TOLERANCES (UNLESS SPECIFIED)                      |        | DIMENSION STYLE<br>MM ONLY  |                                                                                                                                  | SCALE<br>5:1       | DESIGN UNITS<br>METRIC                                           | THIRD ANGLE<br>PROJECTION |                     |  |  |  |
|                                                                                                                                |             |                                   |                                                            | mm     | INCH                        | DRAWN BY<br>TMARTIN                                                                                                              | DATE<br>2005/06/15 | TITLE<br>LOW PROFILE<br>TOP ENTRY JACK<br>(THROUGH HOLE VERSION) |                           |                     |  |  |  |
|                                                                                                                                |             |                                   | 4 PLACES                                                   | ± ---  | ± ---                       | CHECKED BY<br>FCARABETTA                                                                                                         | DATE<br>2005/06/15 |                                                                  |                           |                     |  |  |  |
|                                                                                                                                |             |                                   | 3 PLACES                                                   | ± ---  | ± ---                       | APPROVED BY<br>KNOLLER                                                                                                           |                    | DATE<br>2005/06/15                                               | molex MOLEX INCORPORATED  |                     |  |  |  |
|                                                                                                                                |             |                                   | 2 PLACES                                                   | ± 0.15 | ± ---                       |                                                                                                                                  |                    |                                                                  |                           |                     |  |  |  |
| 1 PLACE                                                                                                                        | ± 0.25      | ± ---                             | ANGULAR ± .5 °                                             |        | MATERIAL NO.<br>SEE SHT 4,5 | DOCUMENT NO.<br>SD-95503-003                                                                                                     |                    |                                                                  |                           | SHEET NO.<br>1 OF 5 |  |  |  |
| G                                                                                                                              | REV         |                                   | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |        |                             | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                    |                                                                  |                           |                     |  |  |  |

10

9

8

7

6

5

4

3

2

1

## NOTES :

## 1- MATERIAL:

-HOUSING: LCP FIBER GLASS FILLED UL 94-V0  
COLOR BLACK

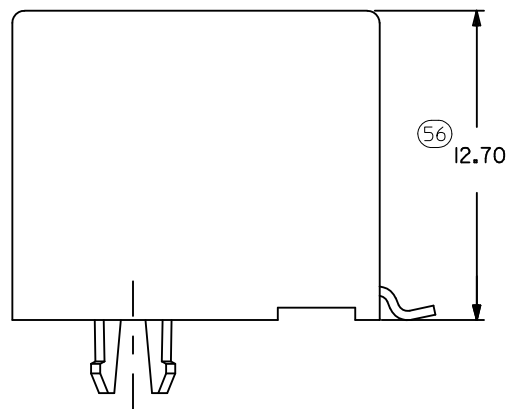
2-APPLICATION SPECIFICATION: AS-85513-001 (SMT)

3- SEE OTHER NOTES SHEET 1.

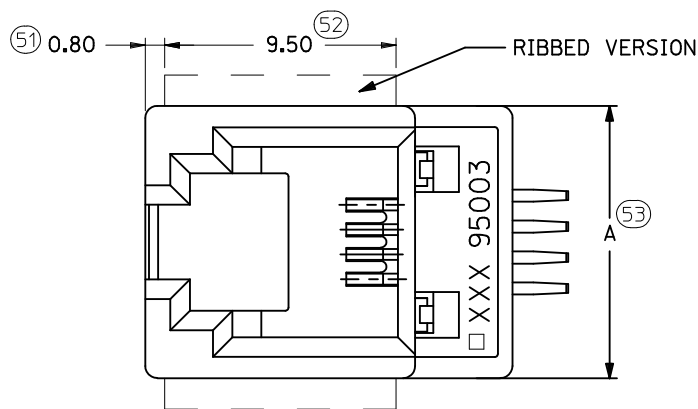
4- COPLANARITY OF SIGNAL TAILS 0.1mm MAX  
RELEVANT TO EACH OTHER.

INSPECTION NUMBERS USED: 51 - 100

LAST INSPECTION NUMBER: 70

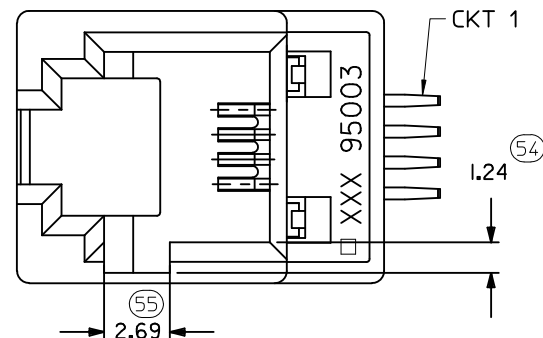


SHORT VERSION

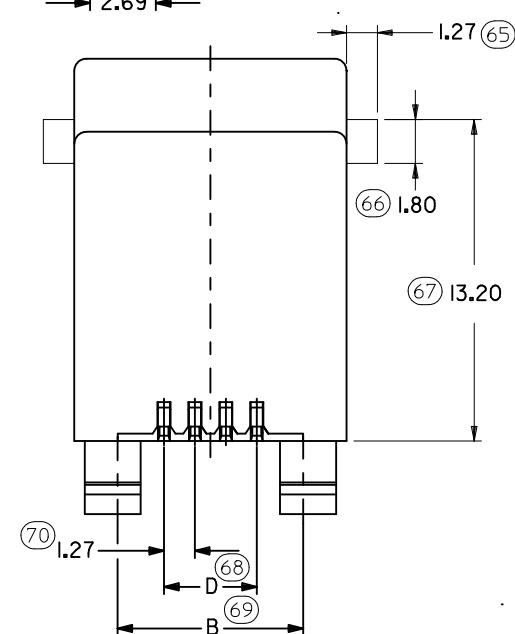
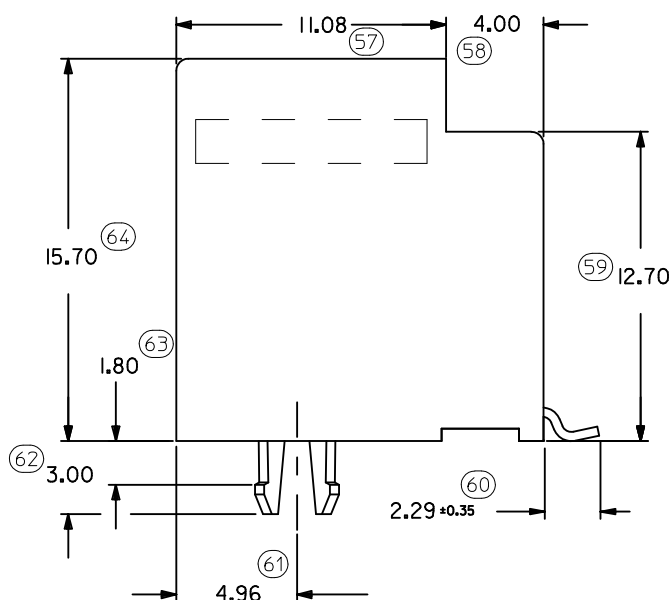


RIBBED VERSION

OPTIONAL KEYING



1.27 54



| DIM. | TYPE | POS. 4  | POS. 6  |         | POS. 8  |
|------|------|---------|---------|---------|---------|
|      |      | 4 CKTS. | 4 CKTS. | 6 CKTS. | 8 CKTS. |
| A    |      | 11.18   | 13.21   | 13.21   | 15.24   |
| B    |      | 7.62    | 10.16   | 10.16   | 11.43   |
| D    |      | 3.81    | 3.81    | 6.35    | 8.89    |

REMOVED INCHES  
EC NO: E2012-0079  
DRAWN: JOCONOR 2011/03/04  
CHKD:  
APPR: LEOLAN 2011/09/28

QUALITY  
SYMBOLS  
=0  
=0

GENERAL TOLERANCES  
(UNLESS SPECIFIED)

|          | mm     | INCH  |
|----------|--------|-------|
| 4 PLACES | ± ---  | ± --- |
| 3 PLACES | ± ---  | ± --- |
| 2 PLACES | ± 0.15 | ± --- |
| 1 PLACE  | ± 0.25 | ± --- |
| ANGULAR  | ± 5 °  |       |

DRAFT WHERE APPLICABLE  
MUST REMAIN  
WITHIN DIMENSIONS

DIMENSION STYLE  
MM ONLY  
DRAWN BY DATE  
TMARTIN 2005/06/19  
CHECKED BY DATE  
FCARABETTA 2005/06/19  
APPROVED BY DATE  
KNOLLER 2005/06/19

MATERIAL NO.  
SEE SHT. 4, 5

SCALE  
5:1

DESIGN UNITS  
METRIC

THIRD ANGLE  
PROJECTION

LOW PROFILE T/E JACK  
(SMT VERSION)

MOLEX INCORPORATED

DOCUMENT NO.  
SD-95503-003

SHEET NO.  
2 OF 5

9

8

7

6

5

4

3

2

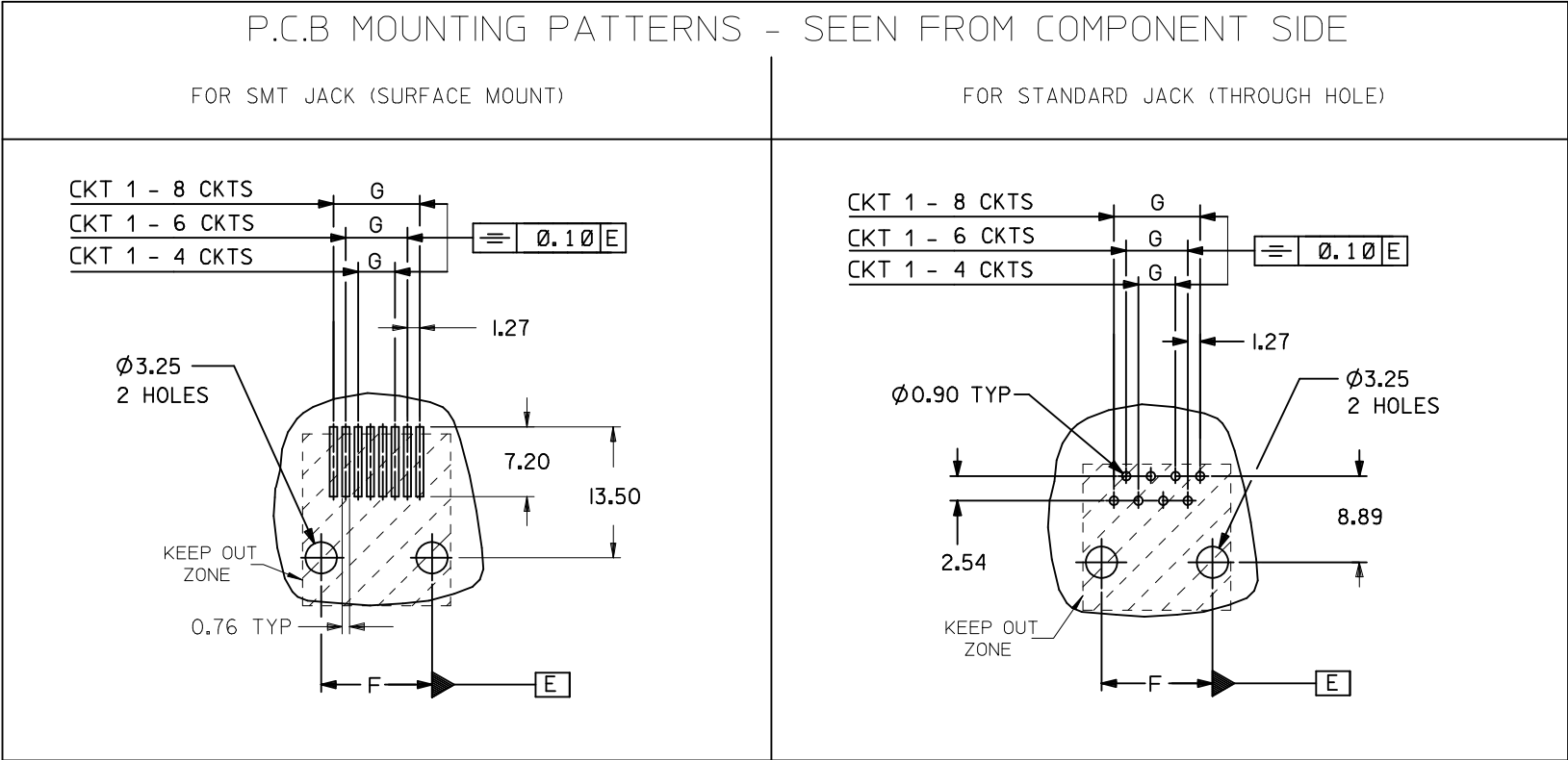
1

| TYPE<br>DIM. | POS. 4  | POS. 6  |         | POS. 8  |
|--------------|---------|---------|---------|---------|
|              | 4 CKTS. | 4 CKTS. | 6 CKTS. | 8 CKTS. |
| F ±0.05      | 7.62    | 10.16   | 10.16   | 11.43   |
| G ±0.05      | 3.81    | 3.81    | 6.35    | 8.89    |

P.C.B MOUNTING PATTERNS - SEEN FROM COMPONENT SIDE

FOR SMT JACK (SURFACE MOUNT)

FOR STANDARD JACK (THROUGH HOLE)



NOTES:  
ALL DIMENSIONS REF DIMENSIONS

|                                                                                      |                                   |                                         |                                                            |       |                                                                                                                               |                    |                               |                        |                        |  |
|--------------------------------------------------------------------------------------|-----------------------------------|-----------------------------------------|------------------------------------------------------------|-------|-------------------------------------------------------------------------------------------------------------------------------|--------------------|-------------------------------|------------------------|------------------------|--|
| REMOVED INCHES<br>EC NO: E2012-0079<br>DRWN: JCONNOR<br>CHKD:<br>APPR: EFOLAN<br>REV | QUALITY SYMBOLS<br><br>▽=0<br>C=0 | DESCRIPTION<br>2011/03/04<br>2011/09/28 | GENERAL TOLERANCES (UNLESS SPECIFIED)                      |       | DIMENSION STYLE<br>MM ONLY                                                                                                    |                    | SCALE<br>1:1                  | DESIGN UNITS<br>METRIC | THIRD ANGLE PROJECTION |  |
|                                                                                      |                                   |                                         | mm                                                         | INCH  | DRAWN BY<br>TMARTIN                                                                                                           | DATE<br>2005/06/15 | TITLE<br>LOW PROFILE T/E JACK |                        |                        |  |
|                                                                                      |                                   |                                         | 4 PLACES ± ---                                             | ± --- | CHECKED BY                                                                                                                    | DATE               |                               |                        |                        |  |
|                                                                                      |                                   |                                         | 3 PLACES ± ---                                             | ± --- | FCARABETTA                                                                                                                    | 2005/06/15         | MOLEX MOLEX INCORPORATED      |                        |                        |  |
|                                                                                      |                                   |                                         | 2 PLACES ± 0.15                                            | ± --- | APPROVED BY                                                                                                                   | DATE               |                               |                        |                        |  |
|                                                                                      |                                   |                                         | 1 PLACE ± 0.25                                             | ± --- | KNOLLER                                                                                                                       | 2005/06/15         |                               |                        |                        |  |
|                                                                                      |                                   |                                         | ANGULAR ± .5 °                                             |       | MATERIAL NO.                                                                                                                  | DOCUMENT NO.       | SHEET NO.                     |                        |                        |  |
|                                                                                      |                                   |                                         | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |       | SEE SHT. 4, 5                                                                                                                 |                    | SD-95503-003                  |                        | 3 OF 5                 |  |
|                                                                                      |                                   |                                         |                                                            |       | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                    |                               |                        |                        |  |

TUBE PACKAGING, SEE PACKAGING SPEC. PK 95003  
SHEET 2

| HOUSING<br>SIZE | LOADED<br>CONTACTS |
|-----------------|--------------------|
| 4               | 4                  |
| 6               | 4                  |
| 6               | 6                  |
| 8               | 8                  |

| PART NO FOR JACK ASSEMBLY<br>S.M.T. STANDARD VERSION |        |        |        |            |        |  |        |
|------------------------------------------------------|--------|--------|--------|------------|--------|--|--------|
| LC P FIBER GLASS FILLED 94V0, COLOR BLACK.           |        |        |        |            |        |  |        |
| NO KEY                                               | TOOLED | KEY    | TOOLED | NO KEY     | TOOLED |  | TOOLED |
| NO RIB                                               |        | NO RIB |        | RIB        |        |  |        |
| 95503-6451                                           | X      |        |        |            |        |  |        |
|                                                      |        |        |        |            |        |  |        |
|                                                      |        |        |        |            |        |  |        |
| 95503-6651                                           | X      |        |        |            |        |  |        |
|                                                      |        |        |        |            |        |  |        |
|                                                      |        |        |        |            |        |  |        |
| 95503-6671                                           | X      |        |        |            |        |  |        |
|                                                      |        |        |        |            |        |  |        |
|                                                      |        |        |        |            |        |  |        |
| 95503-6891                                           | X      |        |        | 95503-6887 | X      |  |        |
|                                                      |        |        |        |            |        |  |        |
|                                                      |        |        |        |            |        |  |        |

| PART NO FOR JACK ASSEMBLY<br>S.M.T. SHORT VERSION |        |        |        |        |        |  |        |
|---------------------------------------------------|--------|--------|--------|--------|--------|--|--------|
| LC P FIBER GLASS FILLED 94V0, COLOR BLACK.        |        |        |        |        |        |  |        |
| NO KEY                                            | TOOLED | KEY    | TOOLED | NO KEY | TOOLED |  | TOOLED |
| NO RIB                                            |        | NO RIB |        | RIB    |        |  |        |
|                                                   |        |        |        |        |        |  |        |
|                                                   |        |        |        |        |        |  |        |
|                                                   |        |        |        |        |        |  |        |
|                                                   |        |        |        |        |        |  |        |
|                                                   |        |        |        |        |        |  |        |
|                                                   |        |        |        |        |        |  |        |
|                                                   |        |        |        |        |        |  |        |
|                                                   |        |        |        |        |        |  |        |
|                                                   |        |        |        |        |        |  |        |
|                                                   |        |        |        |        |        |  |        |
|                                                   |        |        |        |        |        |  |        |
| 95503-6894                                        | X      |        |        |        |        |  |        |
|                                                   |        |        |        |        |        |  |        |
|                                                   |        |        |        |        |        |  |        |

|            |   |
|------------|---|
| TOOLED     | X |
| NOT TOOLED |   |

NOTES:  
  
PLATING: SEE SHEET ONE

ADDED OPTIONS

EC NO: IPG2012-0589  
DRWN:DBYRNES 2012/03/29  
CHKD:MSHAHAN 2012/03/30  
APPR:EFOLAN 2012/06/28

QUALITY SYMBOLS

▽=0

◻=0

DESCRIPTION

REV

GENERAL TOLERANCES (UNLESS SPECIFIED)

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

DRAFT WHERE APPLICABLE  
MUST REMAIN  
WITHIN DIMENSIONS

DIMENSION STYLE

MM ONLY

|             |            |
|-------------|------------|
| DRAWN BY    | DATE       |
| TMARTIN     | 2005/06/16 |
| CHECKED BY  | DATE       |
| FCARABETTA  | 2005/06/16 |
| APPROVED BY | DATE       |
| KNOLLER     | 2005/06/16 |

MATERIAL NO.

SEE CHART

SCALE

---

DESIGN UNITS

METRIC

THIRD ANGLE PROJECTION

TITLE

LOW PROFILE T/E JACK  
SMT VERSION

MOLEX INCORPORATED

DOCUMENT NO.

SD-95503-003

SIZE

A3

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

SHEET NO.

5 OF 5