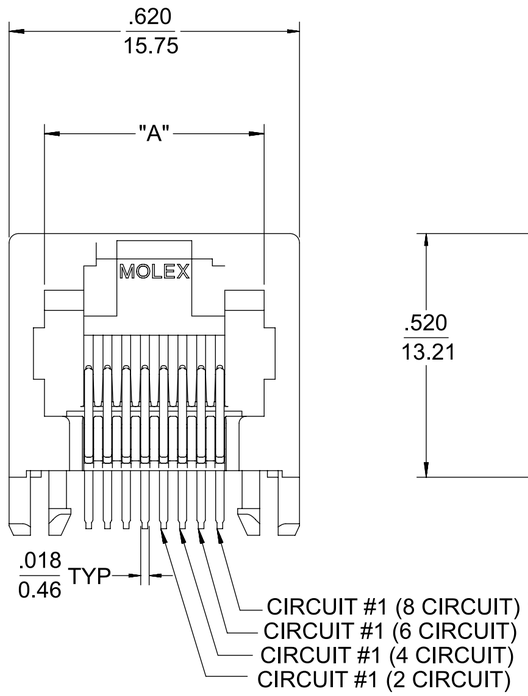
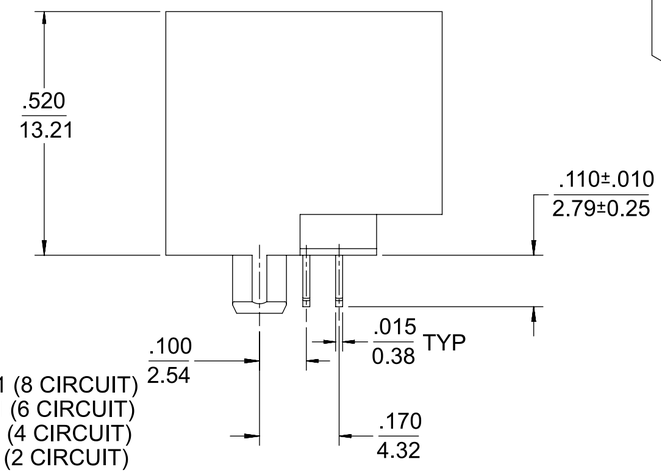
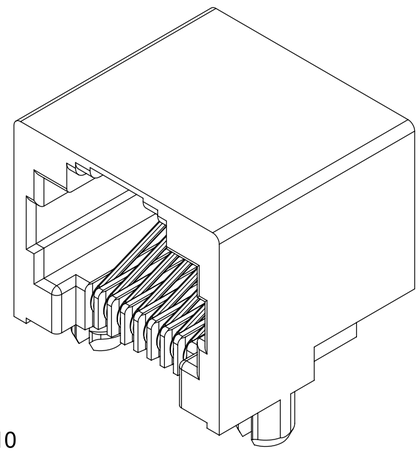
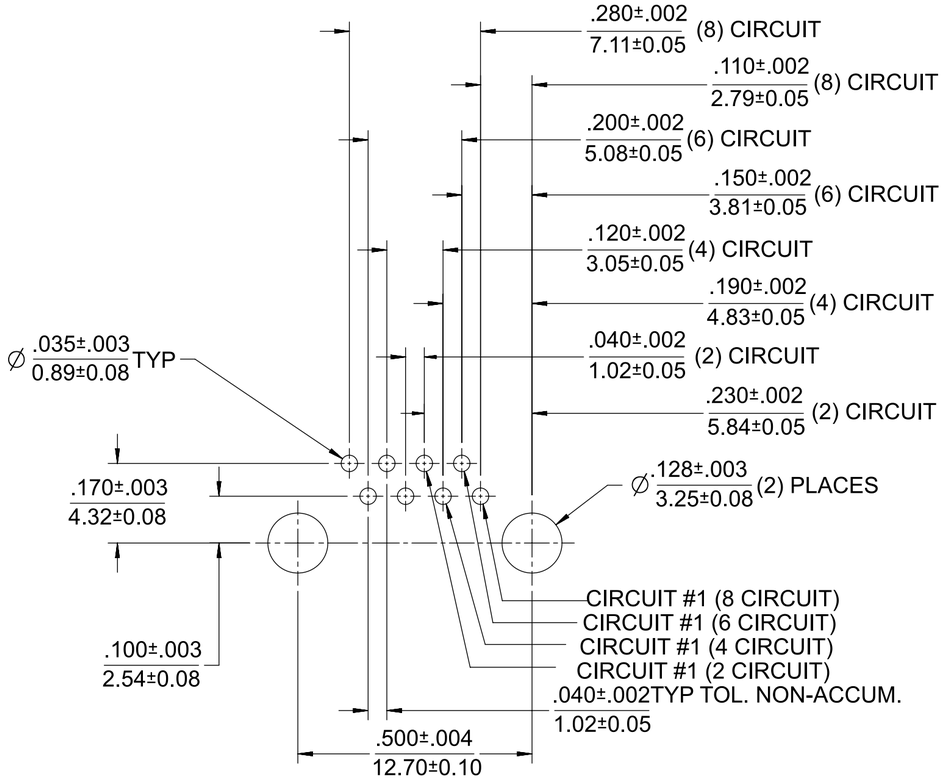
NOTES:
1) MATERIAL:
HOUSING: NYLON(PA), GLASS FILLED, UL94V-0, COLOR: SEE CHART
TERMINALS: PHOSPHOR BRONZE
2) FINISH:
TERMINALS:
SELECT GOLD IN CONTACT AREA: 50 MICROINCHES (1.27 MICROMETERS) MIN.,
SELECT TIN IN PC TAIL AREA: 100 MICROINCHES (2.54 MICROMETERS) MIN.,
WITH OVERALL NICKEL UNDERPLATE: 50 MICROINCHES (1.27 MICROMETERS) MIN.
3) PRODUCT SPECIFICATION: PS-43860-003.
4) PACKAGING SPECIFICATION:
CONNECTOR ASSEMBLIES PACKAGED IN EXTRUDED TUBES PER MOLEX PACKAGING SPECIFICATION PK-43860-004.
5) ALL UNTOLERANCED DIMENSIONS ARE SHOWN FOR REFERENCE ONLY.
6) CONFORMS TO FCC REGULATION PART 68.5 FOR MODULAR JACKS.
7) THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.

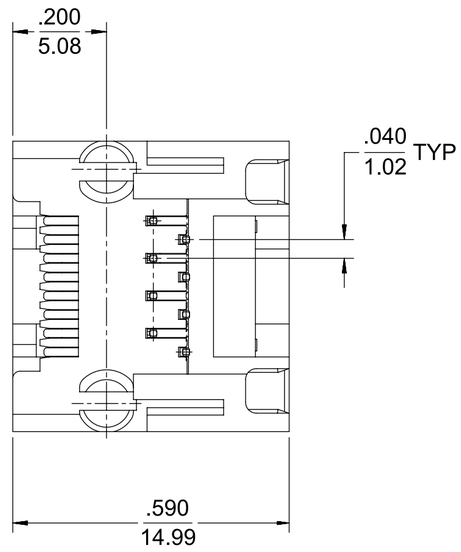





PC BOARD LAYOUT
COMPONENT SIDE OF BOARD
RECOMMENDED PCB THICKNESS .062±.005/1.57±0.13




| ASSEMBLY MAT. NUM. | CONNECTOR SIZE | DIM "A" | CIRCUITS | HOUSING COLOR |
|---|---|---|---|---|
| 43860-0001 | 8 | .469/11.91 | 8 | BLACK |
| 43860-0002 | 6 | .389/9.88 | 6 | BLACK |
| 43860-0003 | 6 | .389/9.88 | 4 | BLACK |
| 43860-0020 | 6 | .389/9.88 | 2 | BLACK |

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

FUNCTIONAL SYMBOLS
FA = 0
FC = 0
FP = 0
DIVISIONAL SYMBOLS

DIMENSION UNITS: IN/mm
SCALE: 4:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | MM | INCH |
|---|---|---|
| 4 PLACES | ± | ± |
| 3 PLACES | ± | ± 0.0100 |
| 2 PLACES | ± 0.250 | ± |
| 1 PLACE | ± | ± |
| 0 PLACES | ± | ± |
| ANGULAR TOL | ± 0.5° | |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: REMOVED OBSOLETED PART NUMBERS AS PER PCN#512600

PHASE:
CO NO:
DRWN: Madhava M 2023-10-26
CHK'D: Ganesh Rao B 2023-12-20
APPR: Gurunandan GA 2023-12-20

INITIAL REVISION:
DRWN: TALEND 1997/02/13
APPR: FRY 1997/03/04

THIRD ANGLE PROJECTION
DRAWING: C-SIZE
SERIES: 43860

molex

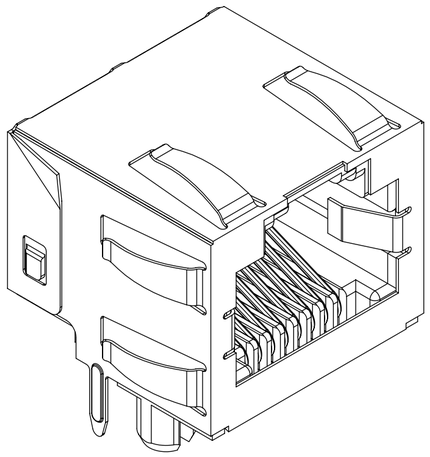
INVERTED MODULAR JACK ASSEMBLY

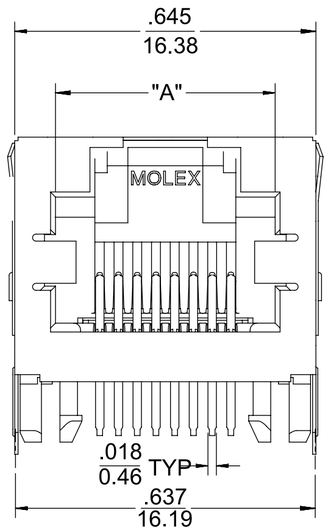
PRODUCT SALES DRAWING

| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| SD-43860-001 | PSD | 001 | J |

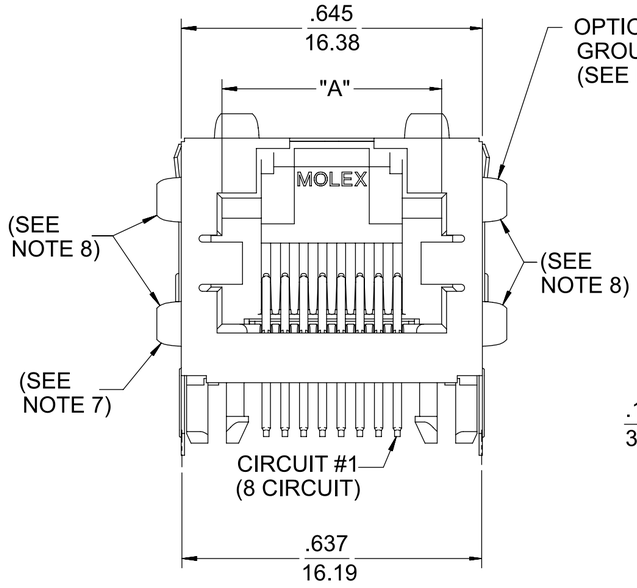
| MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|
| SEE TABLE | GENERAL MARKET | 1 OF 5 |

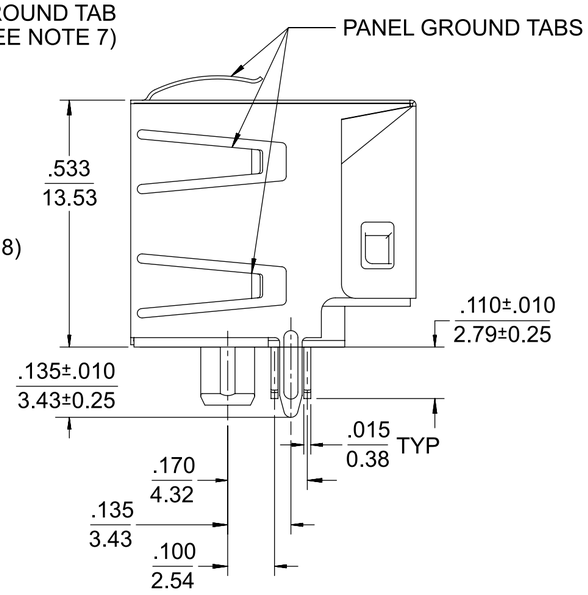
FORMAT: EngMega-TC4b-prod-C
REVISION: A
DATE: 2021/08/11



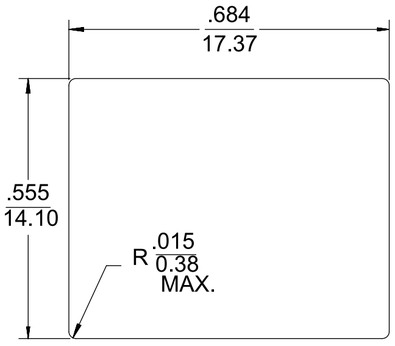



NO PANEL
GROUND TABS

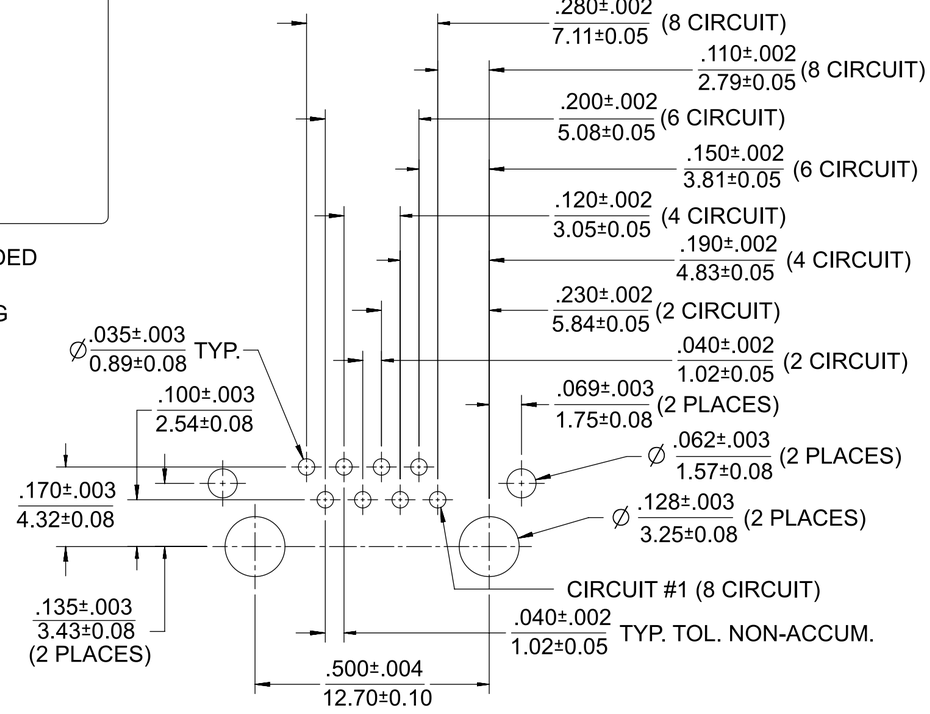


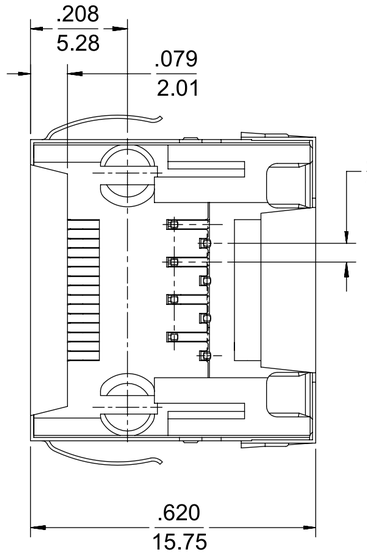




NOTES:
1) MATERIAL:
   HOUSING: NYLON(PA), GLASS FILLED, UL94V-0,
   COLOR: BLACK
   TERMINALS: PHOSPHOR BRONZE
   SHIELD: BRASS
2) FINISH:
   TERMINALS:
   SELECT GOLD IN CONTACT AREA: 50 MICROINCHES/
   1.27 MICROMETERS MIN.,
   SELECT TIN IN PC TAIL AREA: 100 MICROINCHES/
   2.54 MICROMETERS MIN.,
   WITH OVERALL NICKEL UNDERPLATE: 50 MICROINCHES/
   1.27 MICROMETERS MIN.
   SHIELD:
   100 MICROINCHES/2.54 MICROMETERS NICKEL OVER
   50 MICROINCHES/1.27 MICROMETERS COPPER
   UNDERPLATE; PCB GROUND TABS DIPPED IN TIN
3) PRODUCT SPECIFICATION: PS-43860-003.
4) PACKAGING SPECIFICATION:
   CONNECTOR ASSEMBLIES PACKAGED IN THERMOFORMED TRAYS
   PER MOLEX PACKAGING SPECIFICATION PK-43860-005.
   43860-5025 CONNECTOR ASSEMBLIES PACKAGED IN TAPE AND
   REEL PER MOLEX PACKAGING SPECIFICATION PK-70873-700*
5) ALL UNTOLERANCED DIMENSIONS ARE SHOWN FOR REFERENCE ONLY.
6) CONFORMS TO FCC REGULATION PART 68.5 FOR MODULAR JACKS.
7) AVAILABLE WITH THE (2) SPECIFIED PANEL GROUND TABS
   OMITTED FOR SIDE TO SIDE STACKABILITY, PER THE ASSEMBLY
   MATERIAL NUMBER TABLE.
8) AVAILABLE WITH TOP PANEL GROUND TABS ONLY, PER THE
   ASSEMBLY MATERIAL NUMBER TABLE.
9) THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC
   SPECIFICATION PS-45499-002.




RECOMMENDED
PANEL
OPENING




PC BOARD LAYOUT
COMPONENT SIDE OF BOARD
RECOMMENDED PCB THICKNESS .062±.005/1.57±0.13

| ASSEMBLY MAT. NUM. | CONNECTOR SIZE | DIM "A" | CIRCUITS | PANEL GROUND TABS | PACKAGING OPTION |
|---|---|---|---|---|---|
| 43860-0004 | 8 | .469/11.91 | 8 | ALL | TRAY |
| 43860-0005 | 6 | .389/9.88 | 6 | ALL | TRAY |
| 43860-0006 | 6 | .389/9.88 | 4 | ALL | TRAY |
| 43860-0013 | 8 | .469/11.91 | 8 | SEE NOTE #7 | TRAY |
| 43860-0014 | 6 | .389/9.88 | 6 | SEE NOTE #7 | TRAY |
| 43860-0025 | 8 | .469/11.91 | 8 | NONE | TRAY |
| 43860-0026 | 6 | .389/9.88 | 6 | NONE | TRAY |
| 43860-0031 | 8 | .469/11.91 | 8 | SEE NOTE #8 | TRAY |
| 43860-5025 | 8 | .469/11.91 | 8 | NONE | TAPE |

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

FUNCTIONAL SYMBOLS: FA = 0; FC = 0; FP = 0
DIVISIONAL SYMBOLS

DIMENSION UNITS: IN/mm
SCALE: 4:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | MM | INCH |
|---|---|---|
| 4 PLACES | ± | ± |
| 3 PLACES | ± | ± 0.0100 |
| 2 PLACES | ± 0.250 | ± |
| 1 PLACE | ± | ± |
| 0 PLACES | ± | ± |
| ANGULAR TOL | ± 0.5° | |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: REMOVED OBSOLETED PART NUMBERS AS PER PCN#512600

PHASE:
CO NO:
DRWN: Madhava M 2023-10-26
CHK'D: Ganesh Rao B 2023-12-20
APPR: Gurunandan GA 2023-12-20

INITIAL REVISION:
DRWN: TALEND 1997/02/13
APPR: FRY 1997/03/04

THIRD ANGLE PROJECTION | DRAWING: C-SIZE | SERIES: 43860

molex

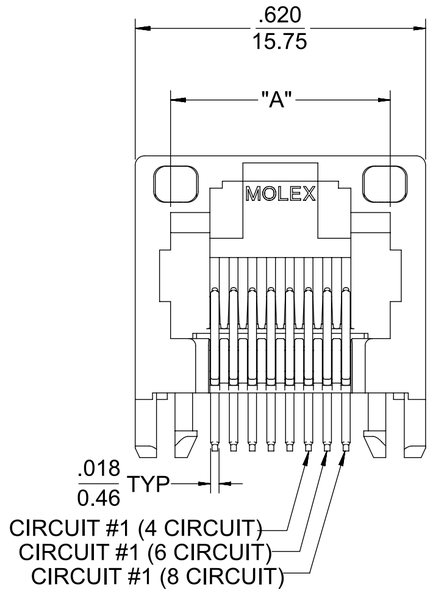
INVERTED MODULAR JACK ASSEMBLY

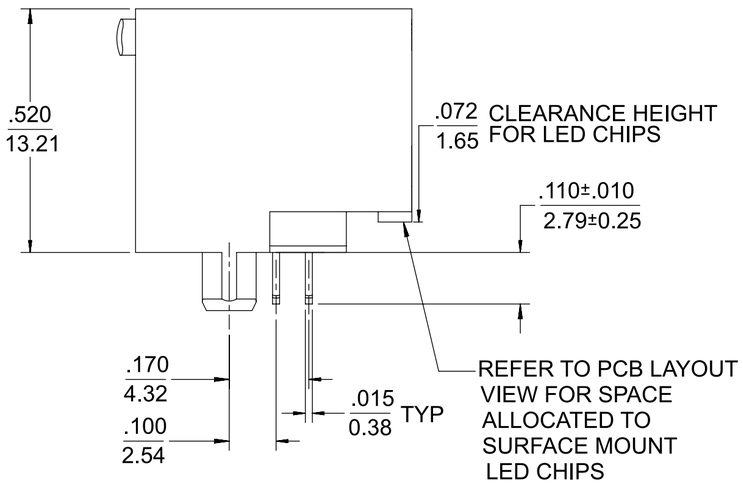
PRODUCT SALES DRAWING

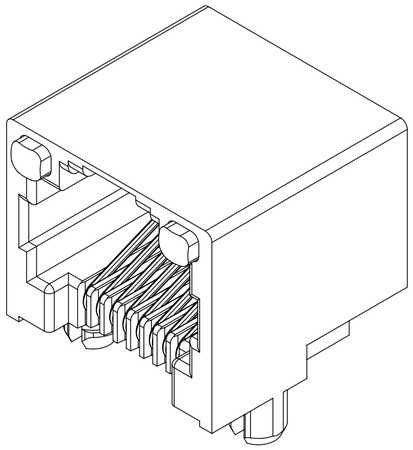
| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| SD-43860-001 | PSD | 001 | J |

| MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|
| SEE TABLE | GENERAL MARKET | 2 OF 5 |

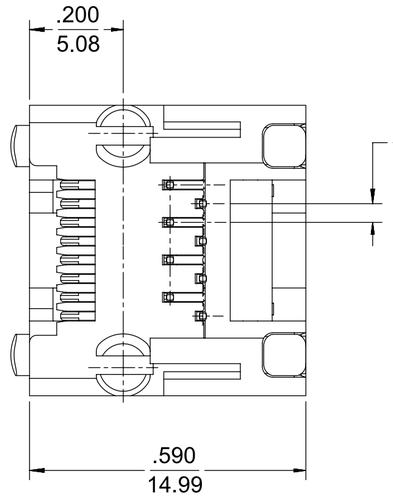
FORMAT: EngMagic-TC4b-prod-C
REVISION: A
DATE: 2021/08/11



NOTES:
1) MATERIAL:
HOUSING: NYLON(PA), GLASS FILLED, UL94V-0, COLOR: BLACK
TERMINALS: PHOSPHOR BRONZE
LIGHT PIPES:
POLYCARBONATE - WAVE OR HAND SOLDER ONLY
(NOT DESIGNED FOR I/R REFLOW OR
CONVECTION REFLOW SOLDER PROCESSES)
POLYSULFONE - MAXIMUM REFLOW TEMPERATURE 400˚F (205˚C)
2) FINISH:
TERMINALS:
SELECT GOLD IN CONTACT AREA: 50 MICROINCHES (1.27 MICROMETERS) MIN.,
SELECT TIN IN PC TAIL AREA: 100 MICROINCHES (2.54 MICROMETERS) MIN.,
WITH OVERALL NICKEL UNDERPLATE: 50 MICROINCHES (1.27 MICROMETERS) MIN.
3) PRODUCT SPECIFICATION AND PROCESSING PARAMETERS: PS-43860-003.
4) PACKAGING SPECIFICATION:
CONNECTOR ASSEMBLIES PACKAGED IN EXTRUDED TUBES PER MOLEX
PACKAGING SPECIFICATION PK-43860-004.
5) APPLICATION SPECIFICATION: AS-43860-001
6) ALL UNTOLERANCED DIMENSIONS ARE SHOWN FOR REFERENCE ONLY.
7) CONFORMS TO FCC REGULATION PART 68.5 FOR MODULAR JACKS.
8) REFER TO SHEET (5) OF (5) FOR RECOMMENDED PCB LAYOUT.
9) THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC
SPECIFICATION PS-45499-002.




| ASSEMBLY MAT. NUM. | LIGHT PIPE MATERIAL | CONNECTOR SIZE | DIM "A" | CIRCUITS |
|---|---|---|---|---|
| 43860-0007 | POLYCARBONATE | 8 | .469/11.91 | 8 |
| 43860-0008 | POLYCARBONATE | 6 | .389/9.88 | 6 |

FUNCTIONAL SYMBOLS
FA = 0
FC = 0
FP = 0
DIVISIONAL SYMBOLS

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

DIMENSION UNITS: IN/mm
SCALE: 4:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | MM | INCH |
|---|---|---|
| 4 PLACES | ± | ± |
| 3 PLACES | ± | ± 0.0100 |
| 2 PLACES | ± 0.250 | ± |
| 1 PLACE | ± | ± |
| 0 PLACES | ± | ± |
| ANGULAR TOL | ± 0.5˚ | |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: REMOVED OBSOLETED PART NUMBERS AS PER PCN#512600

PHASE:
CO NO:
DRWN: Madhava M 2023-10-26
CHK'D: Ganesh Rao B 2023-12-20
APPR: Gurunandan GA 2023-12-20

INITIAL REVISION:
DRWN: TALEND 1997/02/13
APPR: FRY 1997/03/04

THIRD ANGLE PROJECTION | DRAWING: C-SIZE | SERIES: 43860

molex

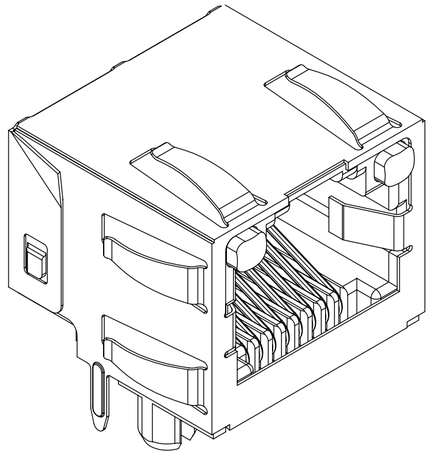
INVERTED MODULAR JACK ASSEMBLY

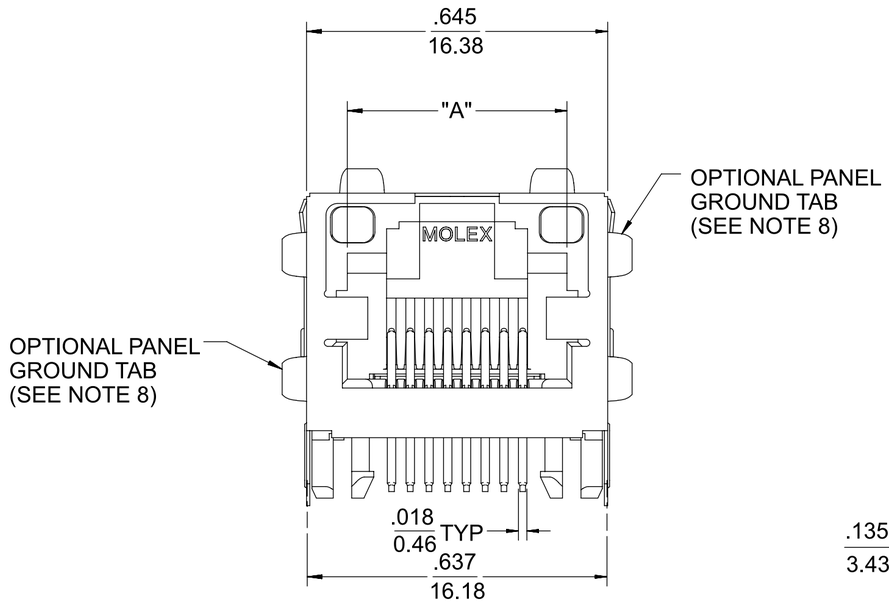
PRODUCT SALES DRAWING

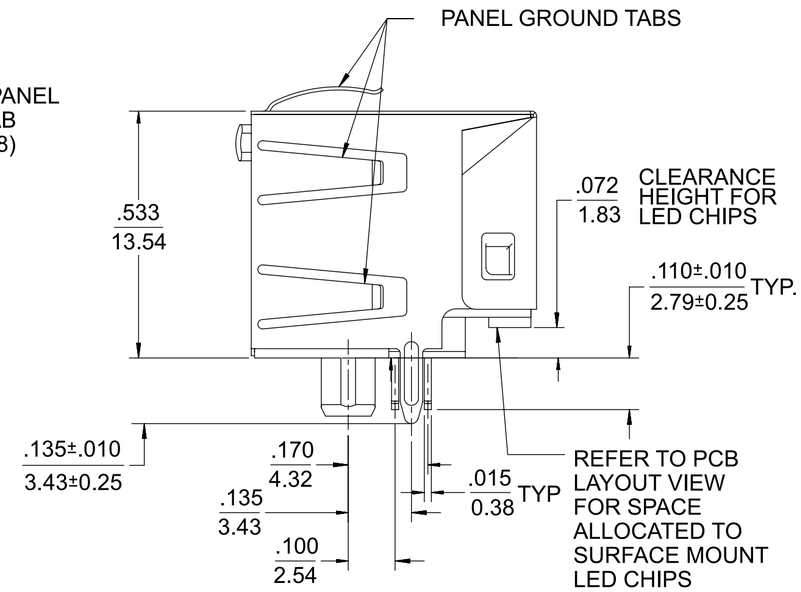
| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| SD-43860-001 | PSD | 001 | J |

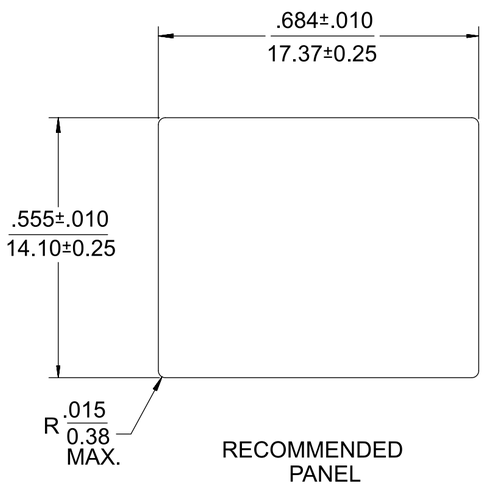
| MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|
| SEE TABLE | GENERAL MARKET | 3 OF 5 |

FORMAT: Engtags-TC4b-prod-C
REVISION: A
DATE: 2021/08/11

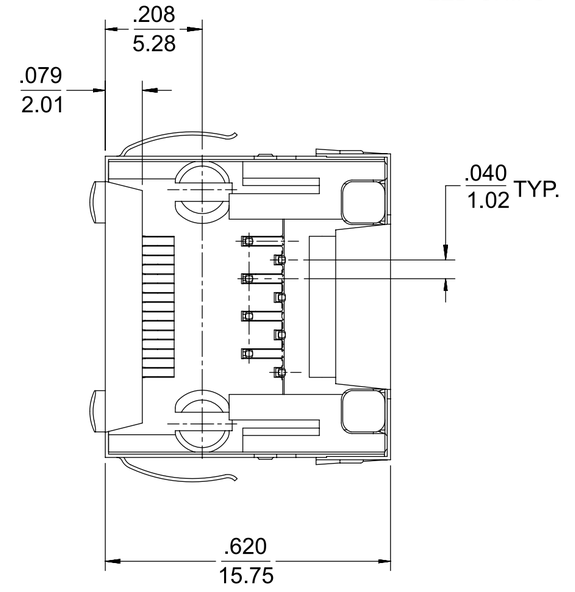





RECOMMENDED
PANEL
OPENING




NOTES:
1) MATERIAL:
HOUSING: NYLON(PA), GLASS FILLED, UL94V-0, COLOR: BLACK
TERMINALS: PHOSPHOR BRONZE
SHIELD: BRASS
LIGHT PIPES:
POLYCARBONATE - WAVE OR HAND SOLDER ONLY
(NOT DESIGNED FOR I/R REFLOW OR
CONVECTION REFLOW SOLDER PROCESSES)
POLYSULFONE - MAXIMUM REFLOW TEMPERATURE 400˚F (205˚C)
2) FINISH:
TERMINALS:
SELECT GOLD IN CONTACT AREA: 50 MICROINCHES/1.27 MICROMETERS MIN.,
SELECT TIN IN PC TAIL AREA: 100 MICROINCHES/2.54 MICROMETERS MIN.,
WITH OVERALL NICKEL UNDERPLATE: 50 MICROINCHES/1.27 MICROMETERS MIN.
SHIELD:
100 MICROINCHES/2.54 MICROMETERS OVER 50 MICROINCHES/1.27
MICROMETERS COPPER UNDERPLATE; PCB GROUND TABS DIPPED IN TIN
3) PRODUCT SPECIFICATION AND PROCESSING PARAMETERS: PS-43860-003.
4) PACKAGING SPECIFICATION:
CONNECTOR ASSEMBLIES PACKAGED IN THERMOFORMED TRAYS PER MOLEX
PACKAGING SPECIFICATION PK-43860-005.
5) APPLICATION SPECIFICATION: AS-43860-001
6) ALL UNTOLERANCED DIMENSIONS ARE SHOWN FOR REFERENCE ONLY.
7) CONFORMS TO FCC REGULATION PART 68.5 FOR MODULAR JACKS.
8) AVAILABLE WITH THE (2) SPECIFIED PANEL GROUND TABS OMITTED FOR SIDE
TO SIDE STACKABILITY, PER THE ASSEMBLY MATERIAL NUMBER TABLE.
9) REFER TO SHEET (5) OF (5) FOR RECOMMENDED PCB LAYOUT.
10) THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC
SPECIFICATION PS-45499-002.

| ASSEMBLY MAT. NUM. | LIGHT PIPE MATERIAL | CONNECTOR SIZE | DIM "A" | CIRCUITS | PANEL GROUND TABS |
|---|---|---|---|---|---|
| 43860-0010 | POLYCARBONATE | 8 | .469/11.91 | 8 | ALL |
| 43860-0011 | POLYCARBONATE | 6 | .389/9.88 | 6 | ALL |
| 43860-0012 | POLYCARBONATE | 6 | .389/9.88 | 4 | ALL |
| 43860-0016 | POLYCARBONATE | 8 | .469/11.91 | 8 | SEE NOTE #8 |
| 43860-0017 | POLYCARBONATE | 6 | .389/9.88 | 6 | SEE NOTE #8 |

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

FUNCTIONAL SYMBOLS: FA = 0, FC = 0, FP = 0
DIVISIONAL SYMBOLS

DIMENSION UNITS: IN/mm
SCALE: 4:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | MM | INCH |
|---|---|---|
| 4 PLACES | ± | ± |
| 3 PLACES | ± | ± 0.0100 |
| 2 PLACES | ± 0.250 | ± |
| 1 PLACE | ± | ± |
| 0 PLACES | ± | ± |
| ANGULAR TOL | ± 0.5˚ | |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: REMOVED OBSOLETED PART NUMBERS AS PER PCN#512600

PHASE:
CO NO:
DRWN: Madhava M 2023-10-26
CHK'D: Ganesh Rao B 2023-12-20
APPR: Gurunandan GA 2023-12-20

INITIAL REVISION:
DRWN: TALEND 1997/02/13
APPR: FRY 1997/03/04

THIRD ANGLE PROJECTION | DRAWING: C-SIZE | SERIES: 43860

molex

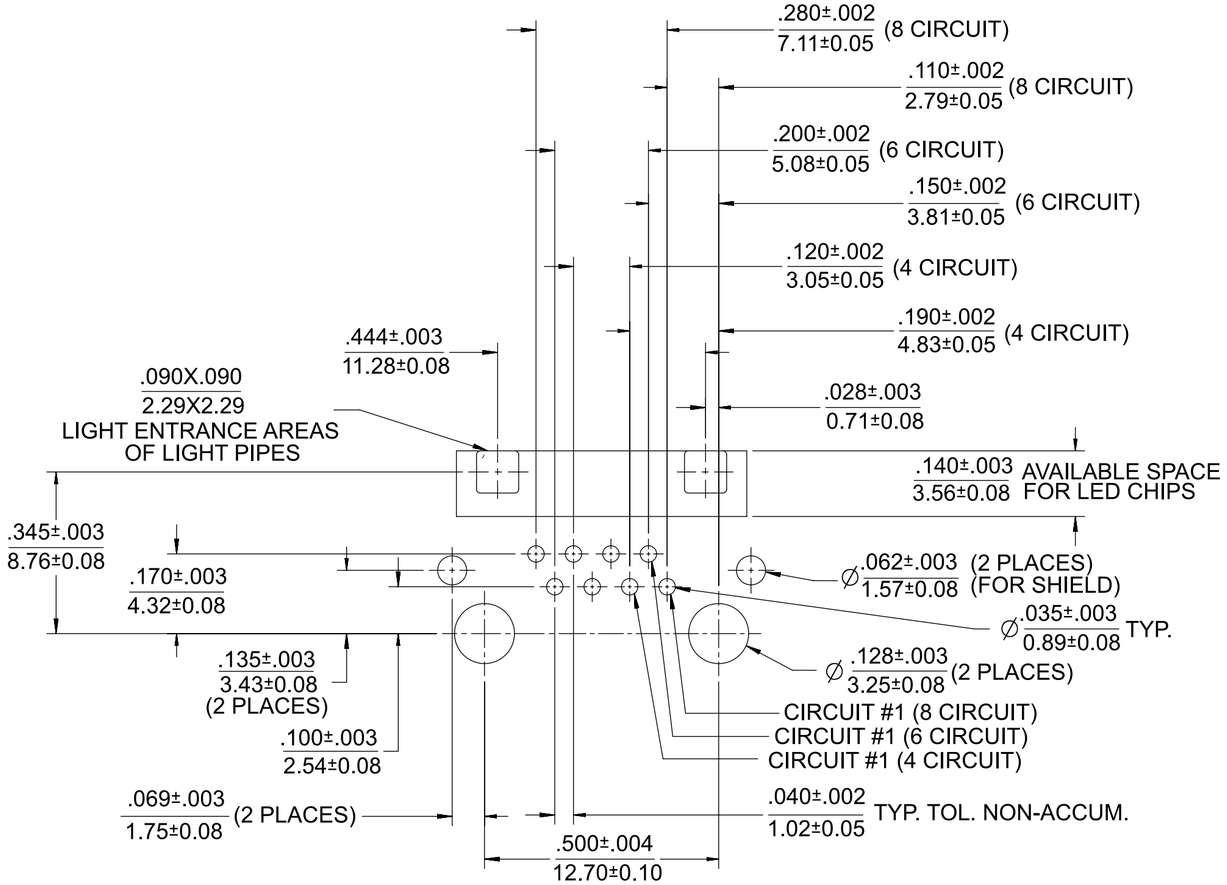
INVERTED MODULAR JACK ASSEMBLY

PRODUCT SALES DRAWING

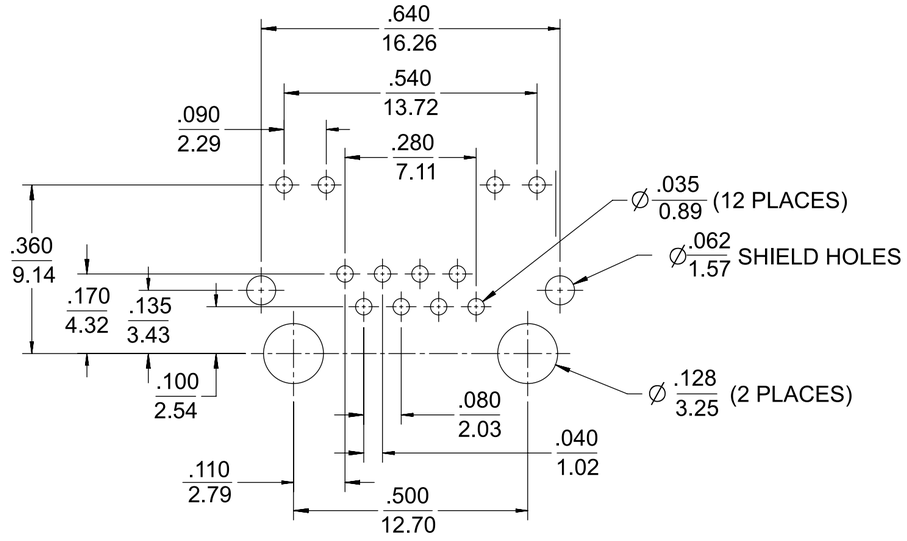
| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| SD-43860-001 | PSD | 001 | J |

| MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|
| SEE TABLE | GENERAL MARKET | 4 OF 5 |

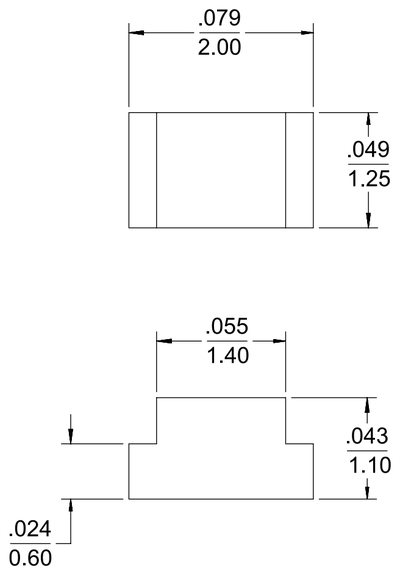
FORMAT: EngAngle-TCnB+prod+C
REVISION: A
DATE: 2021/08/11



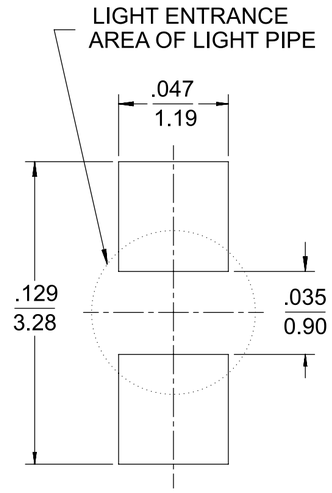

MOLEX RECOMMENDED
PC BOARD LAYOUT
COMPONENT SIDE OF BOARD
RECOMMENDED PCB THICKNESS .062±.005/1.57±0.13



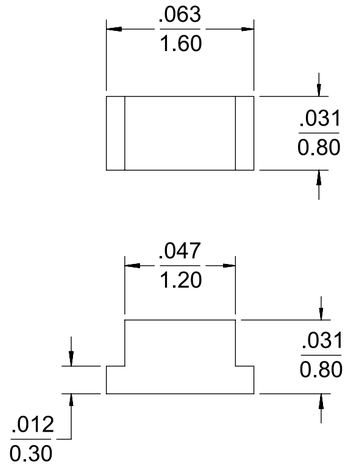

TYPICAL COMPETITION
PCB LAYOUT WITH
INTEGRAL LED'S
(SHOWN FOR REFERENCE ONLY)



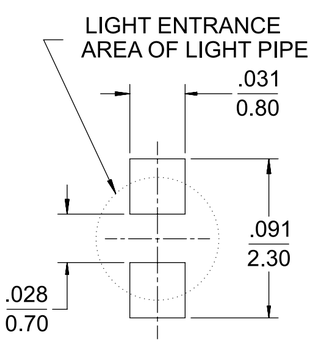

RECOMMENDED SMT
0805 LED DIMMENSIONS
SCALE 20:1
(SEE NOTE 1)




RECOMMENDED SMT
0805 LED SOLDER PATTERN
SCALE 20:1
(SEE NOTE 1)




RECOMMENDED SMT
0603 LED DIMMENSIONS
SCALE 20:1
(SEE NOTE 1)




RECOMMENDED SMT
0603 LED SOLDER PATTERN
SCALE 20:1
(SEE NOTE 1)

NOTES:
1. FOR CROSS REFERENCE OF RECOMMENDED LED'S SEE MOLEX WEB SITE

FUNCTIONAL SYMBOLS
FA = 0
FC = 0
FP = 0
DIVISIONAL SYMBOLS

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

| DIMENSION UNITS | SCALE |
|---|---|
| IN/mm | 4:1 |

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | MM | INCH |
|---|---|---|
| 4 PLACES | ± | ± |
| 3 PLACES | ± | ± 0.0100 |
| 2 PLACES | ± 0.250 | ± |
| 1 PLACE | ± | ± |
| 0 PLACES | ± | ± |
| ANGULAR TOL | ± 0.5° | |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: REMOVED OBSOLETED PART NUMBERS AS PER PCN#512600

PHASE:
CO NO:
DRWN: Madhava M 2023-10-26
CHK'D: Ganesh Rao B 2023-12-20
APPR: Gurunandan GA 2023-12-20

INITIAL REVISION:
DRWN: TALEND 1997/02/13
APPR: FRY 1997/03/04

THIRD ANGLE PROJECTION | DRAWING: C-SIZE | SERIES: 43860

molex

INVERTED MODULAR JACK
ASSEMBLY

PRODUCT SALES DRAWING

| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| SD-43860-001 | PSD | 001 | J |

| MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|
| SEE TABLE | GENERAL MARKET | 5 OF 5 |

FORMAT: EngMgr-TC4b-prod-C
REVISION: A
DATE: 2021/08/11