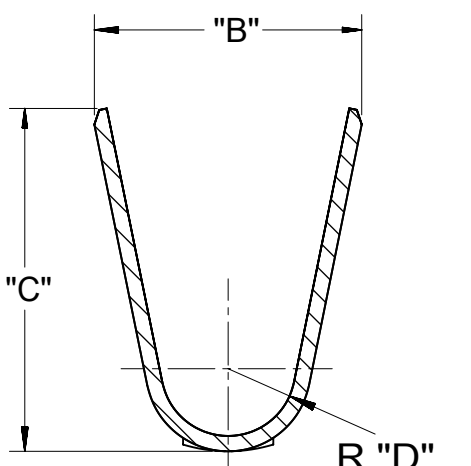
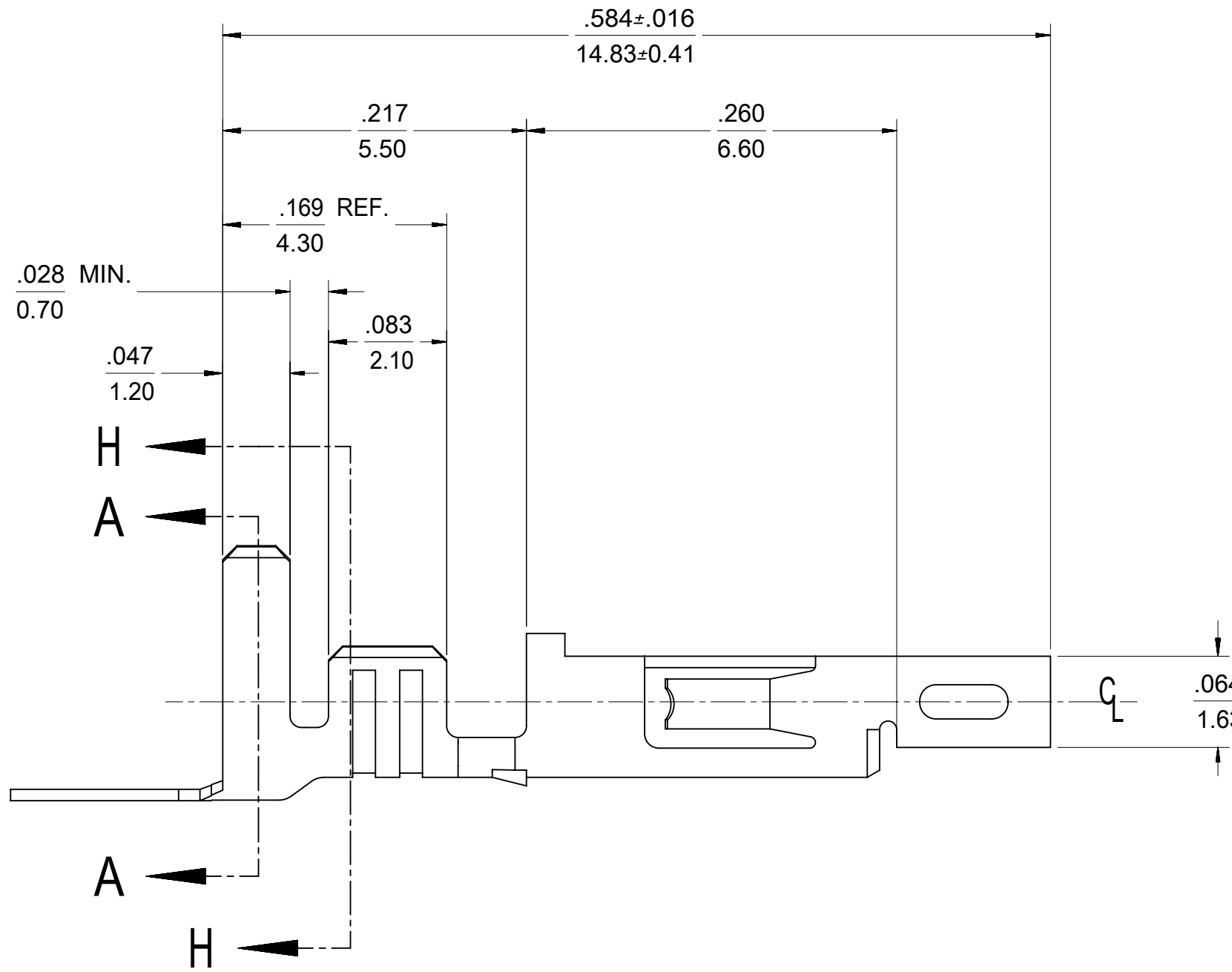
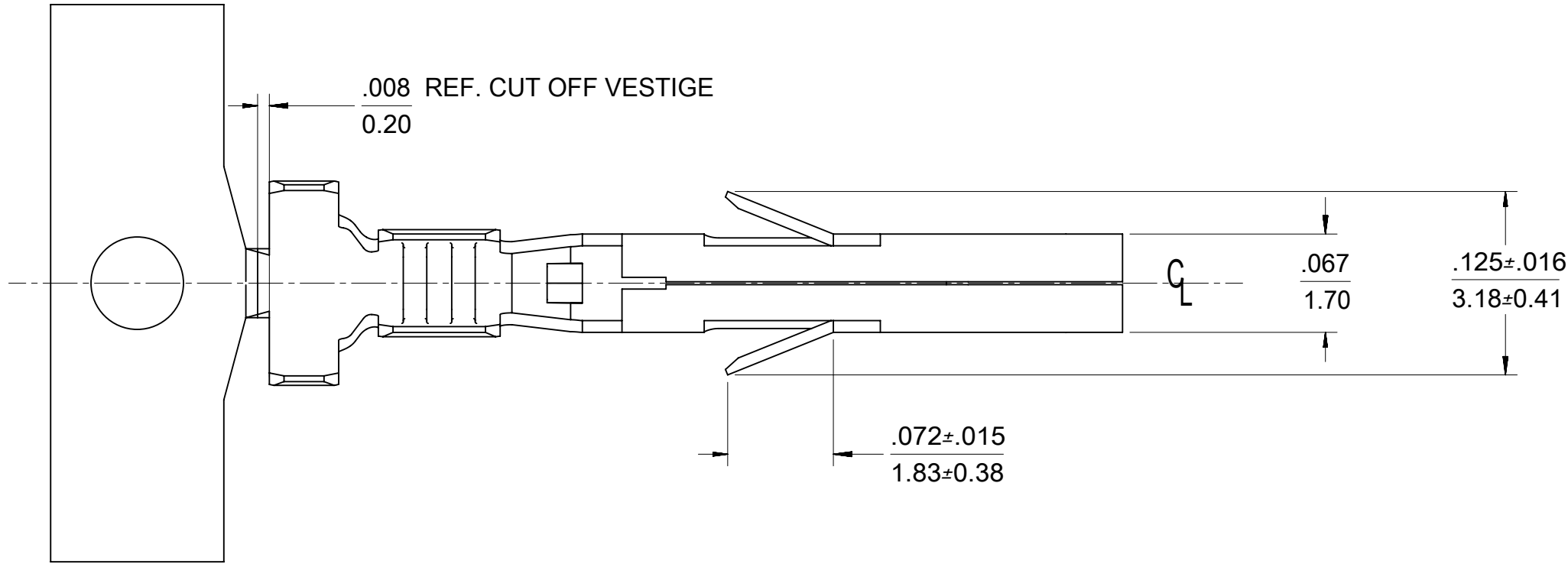
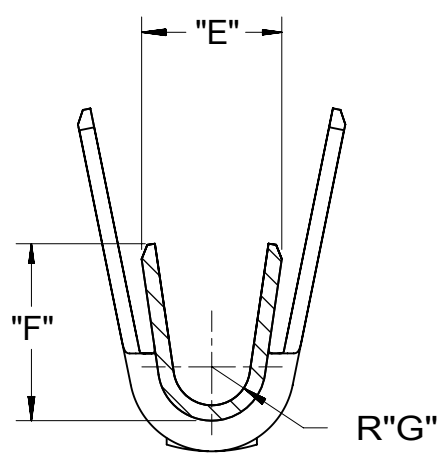


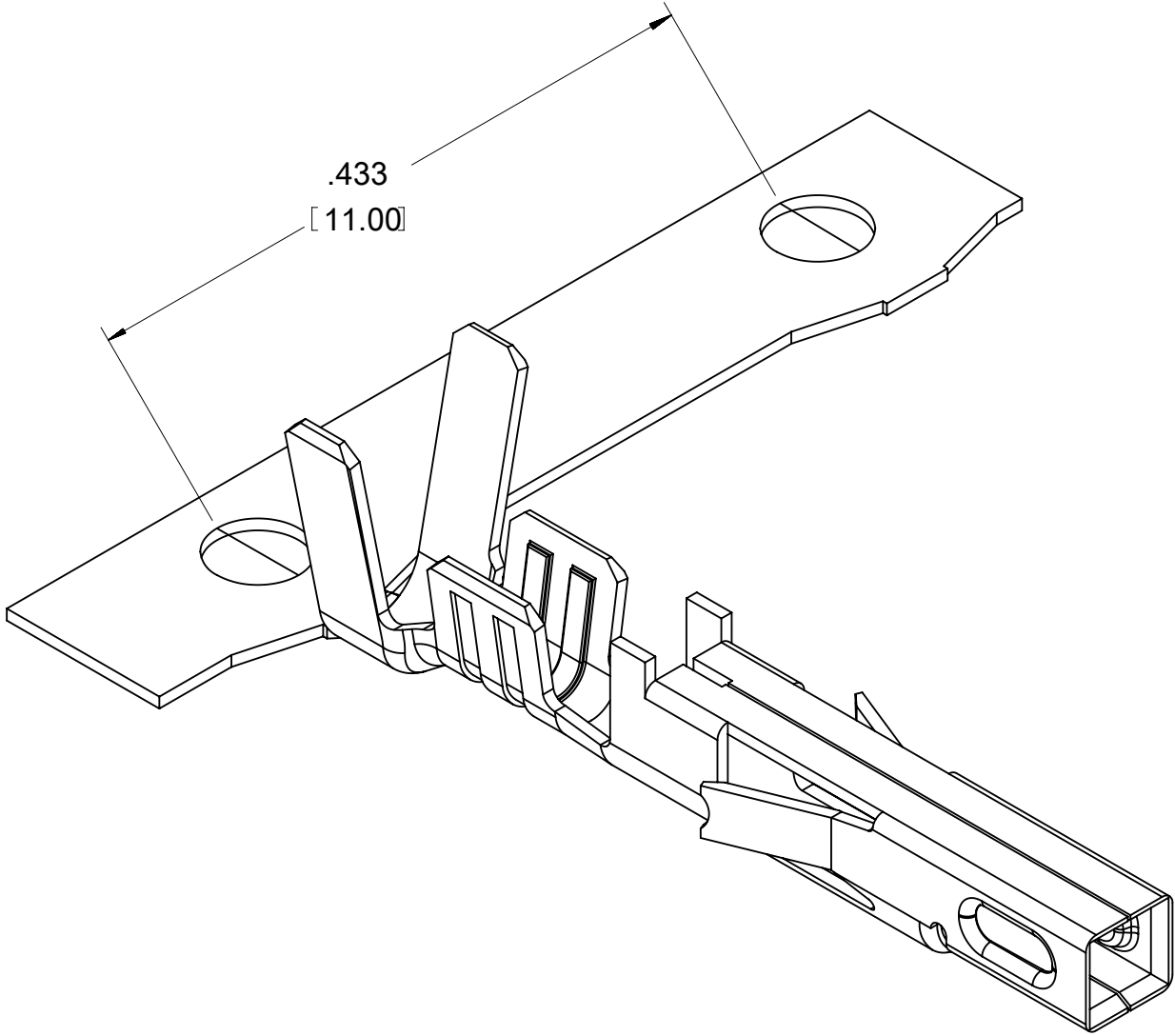
| ITEM NO.  | FORM  | WIRE GAGE | DIM "B"                                 | DIM "C"                                 | DIM "D"                                 | DIM "E"                                 | DIM "F"                                 | DIM "G"               | PLATING:<br>SEE NOTE 2       |
|-----------|-------|-----------|-----------------------------------------|-----------------------------------------|-----------------------------------------|-----------------------------------------|-----------------------------------------|-----------------------|------------------------------|
| 457501111 | CHAIN | 18-20     | $\frac{.142 \pm .012}{(3.60 \pm 0.30)}$ | $\frac{.177 \pm .016}{(4.50 \pm 0.40)}$ | $\frac{.035 \pm .016}{(0.90 \pm 0.40)}$ | $\frac{.075 \pm .012}{(1.90 \pm 0.30)}$ | $\frac{.091 \pm .016}{(2.30 \pm 0.40)}$ | $\frac{.020}{(0.50)}$ | 1 TIN OVER<br>NICKEL         |
| 457501112 | LOOSE |           |                                         |                                         |                                         |                                         |                                         |                       |                              |
| 457503111 | CHAIN | 16        | $\frac{.142 \pm .012}{(3.60 \pm 0.30)}$ | $\frac{.177 \pm .016}{(4.50 \pm 0.40)}$ | $\frac{.035 \pm .016}{(0.90 \pm 0.40)}$ | $\frac{.091 \pm .012}{(2.30 \pm 0.30)}$ | $\frac{.106 \pm .016}{(2.70 \pm 0.40)}$ | $\frac{.024}{(0.60)}$ |                              |
| 457503112 | LOOSE |           |                                         |                                         |                                         |                                         |                                         |                       |                              |
| 457501211 | CHAIN | 18-20     | $\frac{.142 \pm .012}{(3.60 \pm 0.30)}$ | $\frac{.177 \pm .016}{(4.50 \pm 0.40)}$ | $\frac{.035 \pm .016}{(0.90 \pm 0.40)}$ | $\frac{.075 \pm .012}{(1.90 \pm 0.30)}$ | $\frac{.091 \pm .016}{(2.30 \pm 0.40)}$ | $\frac{.020}{(0.50)}$ | 2 SELECT GOLD<br>OVER NICKEL |
| 457501212 | LOOSE |           |                                         |                                         |                                         |                                         |                                         |                       |                              |
| 457503211 | CHAIN | 16        | $\frac{.142 \pm .012}{(3.60 \pm 0.30)}$ | $\frac{.177 \pm .016}{(4.50 \pm 0.40)}$ | $\frac{.035 \pm .016}{(0.90 \pm 0.40)}$ | $\frac{.091 \pm .012}{(2.30 \pm 0.30)}$ | $\frac{.106 \pm .016}{(2.70 \pm 0.40)}$ | $\frac{.024}{(0.60)}$ |                              |
| 457503212 | LOOSE |           |                                         |                                         |                                         |                                         |                                         |                       |                              |



SECTION A-A



SECTION H-H



## LEGEND

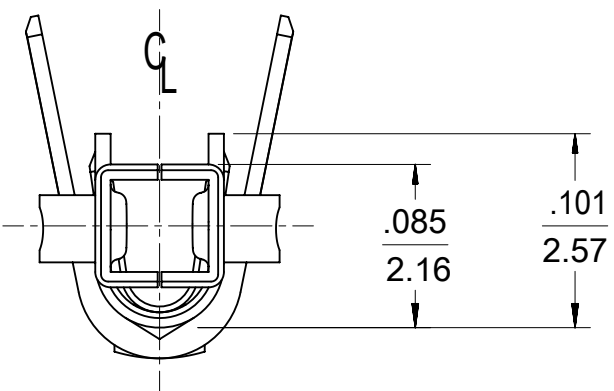
**45750\*\*1\***

BASE NUMBER

FORM  
1 = CHAIN  
2 = LOOSE

WIRE GAGE  
1 = 18-20  
3 = 16

PLATING (SEE NOTE 2)  
1 = TIN OVER NICKEL  
2 = SELECT GOLD



### NOTES:

- MATERIAL: COPPER ALLOY .0080/(0.203) THICK
- FINISH:
  - .000100/(0.00254) MIN. BRIGHT TIN OVER .000050/(0.00127) MIN NICKEL OVERALL.
  - .000030/(0.00076) MIN. SELECT GOLD IN CONTACT AREA AND .000100/(0.00254) MIN. SELECT MATTE TIN IN CRIMP AREA OVER .000050/(0.00127) MIN. NICKEL OVERALL.
- GOLD PLATING RECOMMENDED FOR APPLICATIONS WHERE FRETTING CORROSION IS A CONCERN.
- PRODUCT SPECIFICATION: PS-45750-001
- PACKAGING SPECIFICATION : PK-45750-001 FOR CHAIN TERMINALS  
PK-5556-003 FOR LOOSE TERMINALS
- TERMINAL FOR USE WITH 5557, 42474, 44516, 43760, AND 30067 SERIES HOUSINGS.
- WHEN TERMINALS ARE INSTALLED IN THE HOUSING, THE WIRES ARE TO BE DRESSED IN SUCH A MANNER TO ALLOW THE TERMINALS TO FLOAT FREELY IN THE POCKET.
- THIS TERMINAL IS DESIGNED FOR SINGLE WIRE CRIMPING.
- TEXT ON PART IS FOR REFERENCE ONLY. TEXT AND TEXT LOCATION MAY VARY DEPENDING ON PART NUMBER AND/OR TOOL.

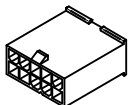
| QUALITY SYMBOLS |     | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                                        |                                                       |                                       |    |      |                 |                 |                        |          |                                                                                      |          |                 |  |
|-----------------|-----|-----------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|-------------------------------------------------------|---------------------------------------|----|------|-----------------|-----------------|------------------------|----------|--------------------------------------------------------------------------------------|----------|-----------------|--|
|                 | = 0 | ADD NOTE 8                                                                                                                                    | 2017/08/29<br>2017/11/08<br>2017/11/13 | DRWN: BAPPELDORN<br>CHKD: J.BELL<br>REV/ APPR: ESMITH | GENERAL TOLERANCES (UNLESS SPECIFIED) |    |      | DIMENSION UNITS |                 | SCALE                  |          | <div>molex®</div> <div>FEMALE CRIMP TERMINAL,<br/>PLUS HCS MINI-FIT JR. SERIES</div> |          |                 |  |
|                 | = 0 |                                                                                                                                               |                                        |                                                       |                                       | MM | INCH | IN/MM           |                 | 10:1                   |          |                                                                                      |          |                 |  |
|                 | = 0 |                                                                                                                                               |                                        |                                                       | 4 PLACES ± ±                          |    |      | SML             |                 | 2004/01/30             |          |                                                                                      |          |                 |  |
|                 | = 0 |                                                                                                                                               |                                        |                                                       | 3 PLACES ± ± 0.01                     |    |      | CHK'D BY        |                 | DATE                   |          |                                                                                      |          |                 |  |
|                 | = 0 |                                                                                                                                               |                                        |                                                       | 2 PLACES ± 0.25 ± 0.014               |    |      | MMD             |                 | 2004/01/30             |          |                                                                                      |          |                 |  |
|                 | = 0 |                                                                                                                                               |                                        |                                                       | 1 PLACES ± 0.36 ±                     |    |      | APPR BY         |                 | DATE                   |          |                                                                                      |          |                 |  |
|                 | = 0 |                                                                                                                                               |                                        |                                                       | 0 PLACES ± ±                          |    |      | AP              |                 | 2004/02/05             |          |                                                                                      |          |                 |  |
|                 | = 0 |                                                                                                                                               |                                        |                                                       | ANGULAR TOL ± 0.5                     |    |      | DRAWING SIZE    |                 | THIRD ANGLE PROJECTION |          | SERIES                                                                               |          | MATERIAL NUMBER |  |
|                 | = 0 | D                                                                                                                                             |                                        |                                                       |                                       |    |      | 45750           |                 | SEE CHART              |          | GENERAL MARKET                                                                       |          |                 |  |
|                 | = 0 | DRAFT WHERE APPLICABLE<br>MUST REMAIN WITHIN DIMENSIONS                                                                                       |                                        |                                                       |                                       |    |      |                 | DOCUMENT NUMBER |                        | DOC TYPE |                                                                                      | DOC PART | SHEET NUMBER    |  |
|                 | = 0 |                                                                                                                                               |                                        |                                                       |                                       |    |      |                 | SD-45750-001    |                        | PSD      |                                                                                      | 001      | 1 OF 1          |  |

20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1

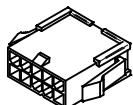
MINI-FIT JR. PLUS HCS SERIES  
DUAL ROW



45750  
FEMALE CRIMP TERMINAL



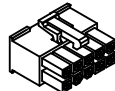
5559-03P1  
PLUG W/O MTG. EARS



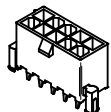
5559-03P  
PLUG W/ MTG. EARS



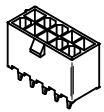
46012  
MALE CRIMP TERMINAL



5557-03R2  
RECEPTACLE

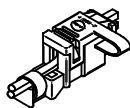


46015  
VERTICAL HEADER  
W/ MTG. PEGS

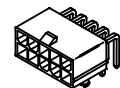


46015  
VERTICAL HEADER  
W/ MTG. PEGS

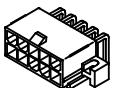
(WITH AND WITHOUT  
DRAIN HOLES)



41995-03  
STRAIN RELIEF  
(FOR MINI-FIT JR. ONLY)



5569-03A2  
RIGHT ANGLE HEADER  
W/ MTG. PEGS

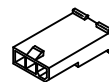


5569-03A3  
RIGHT ANGLE HEADER  
W/ MTG. FLANGES

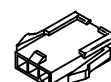


42232-03  
POLARIZING KEY FOR  
MINI-FIT JR., B.M.I. & T.P.A.  
RECEPTABLES ONLY.

MINI-FIT JR. PLUS HCS SERIES  
(MAKE-FIRST/BREAK-LAST)



5559-03P3  
PLUG W/O MTG. EARS



5559-03P2  
PLUG W/ MTG. EARS



5557-03R2  
RECEPTACLE



46014  
VERTICAL HEADER  
W/ MTG. PEGS

(WITH AND WITHOUT  
DRAIN HOLES)

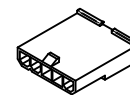


5569-03A4  
RIGHT ANGLE HEADER  
W/ MTG. PEGS

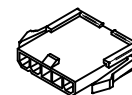


5569-03A3  
RIGHT ANGLE HEADER  
W/ MTG. FLANGES

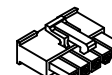
MINI-FIT JR. PLUS HCS SERIES  
SINGLE ROW



5559-03P3  
PLUG W/O MTG. EARS



5559-03P2  
PLUG W/ MTG. EARS



5557-03R2  
RECEPTACLE

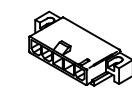


46014  
VERTICAL HEADER  
W/ MTG. PEGS

(WITH AND WITHOUT  
DRAIN HOLES)

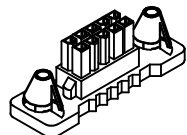


5569-03A4  
RIGHT ANGLE HEADER  
W/ MTG. PEGS

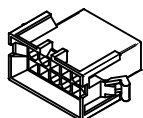


5569-03A3  
RIGHT ANGLE HEADER  
W/ MTG. FLANGES

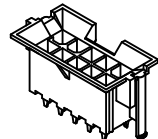
MINI-FIT PLUS HCS B.M.I. SERIES



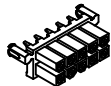
42474-03  
BLIND MATING RECEPTACLE  
(DRAWER CONNECTOR)



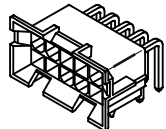
42475-03  
BLIND MATE PLUG  
W/ MTG. EARS



46011  
BLIND MATING VERTICAL HEADER  
(BOARD-TO-BOARD)



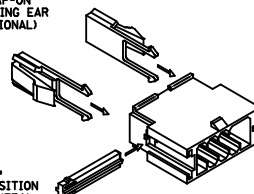
46010  
VERTICAL RECEPTACLE HEADER  
(BOARD-TO-BOARD)



A-42404-03  
BLIND MATING RIGHT ANGLE HEADER  
(BOARD-TO-BOARD)

(WITH AND WITHOUT  
DRAIN HOLES)

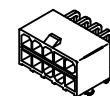
43130-0001  
SNAP-ON  
MOUNTING EAR  
(OPTIONAL)



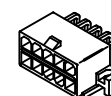
30072-03  
TERMINAL POSITION  
ASSURANCE (TPA)

30068-03  
PLUG

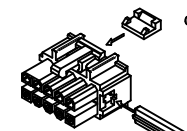
MINI-FIT PLUS HCS T.P.A. SERIES



30070-03  
RIGHT ANGLE HEADER  
WITH MTG. PEGS



30070-03A  
RIGHT ANGLE HEADER  
W/ MTG. FLANGES



30071-03  
CONNECTOR POSITION  
ASSURANCE (CPA)



30067-03  
RECEPTACLE

30072-03  
TERMINAL POSITION  
ASSURANCE (TPA)

|                                                                                                                                      |             |                               |                                       |                                |      |  |                          |                     |                                                                   |                        |                           |  |      |  |
|--------------------------------------------------------------------------------------------------------------------------------------|-------------|-------------------------------|---------------------------------------|--------------------------------|------|--|--------------------------|---------------------|-------------------------------------------------------------------|------------------------|---------------------------|--|------|--|
| INITIAL RELEASE<br>EC NO: UCP2006-2550<br>DRAWN: TGREGORI 2006/05/12<br>CHECKED BY: CHYD 2006/05/13<br>APPROVED: JCOMERCI 2006/05/15 | DESCRIPTION | QUALITY SYMBOLS<br>▽=0<br>▽=0 | GENERAL TOLERANCES (UNLESS SPECIFIED) |                                |      |  | DIMENSION STYLE<br>IN/MM |                     | SCALE                                                             | DESIGN UNITS<br>METRIC | THIRD ANGLE<br>PROJECTION |  |      |  |
|                                                                                                                                      |             |                               | mm                                    |                                | INCH |  | DRAWN BY<br>TGREGORI     | DATE<br>2006/04/27  | TITLE<br>MINI-FIT PLUS HCS<br>CONNECTOR FAMILY<br>(INDEX DRAWING) |                        |                           |  |      |  |
|                                                                                                                                      |             |                               | 4 PLACES ± ±                          |                                | ± ±  |  | CHECKED BY<br>JCOMERCI   |                     |                                                                   |                        |                           |  | DATE |  |
|                                                                                                                                      |             |                               | 3 PLACES ± ±                          |                                | ± ±  |  | APPROVED BY<br>JCOMERCI  |                     |                                                                   |                        |                           |  | DATE |  |
|                                                                                                                                      |             |                               | 2 PLACES ± ±                          |                                | ± ±  |  | MOLEX INCORPORATED       |                     |                                                                   |                        |                           |  |      |  |
|                                                                                                                                      |             |                               | 1 PLACE ± ±                           |                                | ± ±  |  |                          |                     |                                                                   |                        |                           |  |      |  |
| ANGULAR ± ± ± ±                                                                                                                      |             | MATERIAL NO.                  |                                       | DOCUMENT NO.<br>SDIN-45750-001 |      |  |                          | SHEET NO.<br>1 OF 1 |                                                                   |                        |                           |  |      |  |
| DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS                                                                           |             | SEE ABOVE                     |                                       |                                |      |  |                          |                     |                                                                   |                        |                           |  |      |  |
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION     |             |                               |                                       |                                |      |  |                          |                     |                                                                   |                        |                           |  |      |  |

19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1