



| P | LTR | DESCRIPTION | DATE | DWN | APVD |
|---|-----|-------------|------|-----|------|
| - |     | SEE SHEET 1 | -    | -   | -    |
|   |     |             |      |     |      |
|   |     |             |      |     |      |

SMART PART NUMBER  
 2MM - HSP - D \_\_\_ - VT - \_\_\_ - \_\_\_ - \_\_\_

PRODUCT SERIES

2MM | AMPMODU 2mm series

GENDER / TYPE

HSP | Shrouded headers for positive latch

NUMBER OF ROWS

D | Double row

NUMBER OF PINS PER ROW

XX | 03 through 16 (enter two digits)

ORIENTATION & TERMINATION

VT | Vertical through hole

PACKAGING

|     |                        |
|-----|------------------------|
| TB  | Tube without cap       |
| TBP | Tube with cap          |
| TRP | Tape and reel with cap |

PLATING


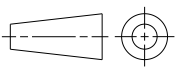
|   |                        |
|---|------------------------|
| T | Tin                    |
| M | 0.38 μm selective Gold |
| H | 0.76 μm selective Gold |

TAIL LENGTH (L)

|    |        |
|----|--------|
| 01 | 2.2 mm |
| 02 | 2.8 mm |

SMART PN EXAMPLES :

1. AMPMODU 2MM, SHROUDED HEADER CENTER LATCH VERSION, DOUBLE ROW, 03 POSITION PER ROW, VERTICAL MOUNT, 2.2MM SOLDER TAIL LENGTH, TIN PLATING, TUBE W/O CAP  
 2MM-HSP-D03-VT-01-T-TB
2. AMPMODU 2MM, SHROUDED HEADER CENTER LATCH VERSION, DOUBLE ROW, 16 POSITION PER ROW, VERTICAL MOUNT, 2.8MM SOLDER TAIL LENGTH, 0.76 μm SELECTIVE GOLD PLATING, TAPE AND REEL WITH CAP  
 2MM-HSP-D16-VT-02-H-TRP


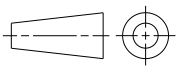
|   |  |                                  |   |                     |
|---|--|----------------------------------|---|---------------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT.  |  | DWN<br>R R NAYAK<br>26FEB2016    |  TE Connectivity |                     |
| DIMENSIONS:<br>mm   |  | CHK<br>KARTHIK J K<br>27JUN2016  |   |                     |
| TOLERANCES UNLESS OTHERWISE SPECIFIED:  |  | APVD<br>PRASHANTH S<br>27JUN2016 | NAME<br>AMPMODU 2mm, SHROUDED MTE HEADER<br>DUAL ROW, VERTICAL  |                     |
|  |  | PRODUCT SPEC<br>108-64040        | RESTRICTED TO<br>-  |                     |
| MATERIAL<br>SEE NOTES   |  | APPLICATION SPEC<br>114-64040    | SIZE<br>A2  | CAGE CODE<br>100779 |
| FINISH<br>SEE NOTES   |  | WEIGHT                           | DRAWING NO<br>C-2823211   | SCALE<br>1:1        |
|   |  | CUSTOMER DRAWING                 | SHEET<br>2 OF 3   | REV<br>A1           |

REVISIONS

| P | LTR | DESCRIPTION | DATE | DWN | APVD |
|---|-----|-------------|------|-----|------|
| - | -   | SEE SHEET 1 | -    | -   | -    |
|   |     |             |      |     |      |
|   |     |             |      |     |      |

| TE INTERNAL BASE NO. | PACKAGING TYPE       | MATING SIDE PLATING FINISH                    | SOLDER TAIL LENGTH "L" | SMART PN                |
|----------------------|----------------------|---|------------------------|-------------------------|
| 2823211              | TUBE W/O CAP         | TIN $\triangle 2$                             | 2.2                    | 2MM-HSP-DXX-VT-01-T-TB  |
| 2823932              | TUBE W/ CAP          |   | 2.2                    | 2MM-HSP-DXX-VT-01-T-TBP |
| 2823535              | TAPE AND REEL W/ CAP |   | 2.2                    | 2MM-HSP-DXX-VT-01-T-TRP |
| 2823406              | TUBE W/O CAP         |   | 2.8                    | 2MM-HSP-DXX-VT-02-T-TB  |
| 2823938              | TUBE W/ CAP          |   | 2.8                    | 2MM-HSP-DXX-VT-02-T-TBP |
| 2823538              | TAPE AND REEL W/ CAP |   | 2.8                    | 2MM-HSP-DXX-VT-02-T-TRP |
| 2823214              | TUBE W/O CAP         | SELECTIVE Au 0.38 $\mu\text{m}$ $\triangle 3$ | 2.2                    | 2MM-HSP-DXX-VT-01-M-TB  |
| 2823933              | TUBE W/ CAP          |   | 2.2                    | 2MM-HSP-DXX-VT-01-M-TBP |
| 2823536              | TAPE AND REEL W/ CAP |   | 2.2                    | 2MM-HSP-DXX-VT-01-M-TRP |
| 2823407              | TUBE W/O CAP         |   | 2.8                    | 2MM-HSP-DXX-VT-02-M-TB  |
| 2823939              | TUBE W/ CAP          |   | 2.8                    | 2MM-HSP-DXX-VT-02-M-TBP |
| 2823539              | TAPE AND REEL W/ CAP |   | 2.8                    | 2MM-HSP-DXX-VT-02-M-TRP |
| 2823219              | TUBE W/O CAP         | SELECTIVE Au 0.76 $\mu\text{m}$ $\triangle 4$ | 2.2                    | 2MM-HSP-DXX-VT-01-H-TB  |
| 2823934              | TUBE W/ CAP          |   | 2.2                    | 2MM-HSP-DXX-VT-01-H-TBP |
| 2823537              | TAPE AND REEL W/ CAP |   | 2.2                    | 2MM-HSP-DXX-VT-01-H-TRP |
| 2823408              | TUBE W/O CAP         |   | 2.8                    | 2MM-HSP-DXX-VT-02-H-TB  |
| 2823940              | TUBE W/ CAP          |   | 2.8                    | 2MM-HSP-DXX-VT-02-H-TBP |
| 2823540              | TAPE AND REEL W/ CAP |   | 2.8                    | 2MM-HSP-DXX-VT-02-H-TRP |

|         |         |                   |                        |                      |
|---------|---------|-------------------|------------------------|----------------------|
| 30      | 34      | 16                | 32                     | 3- -2                |
| 28      | 32      | 15                | 30                     | 3- -0                |
| 26      | 30      | 14                | 28                     | 2- -8                |
| 24      | 28      | 13                | 26                     | 2- -6                |
| 22      | 26      | 12                | 24                     | 2- -4                |
| 20      | 24      | 11                | 22                     | 2- -2                |
| 18      | 22      | 10                | 20                     | 2- -0                |
| 16      | 20      | 9                 | 18                     | 1- -8                |
| 14      | 18      | 8                 | 16                     | 1- -6                |
| 12      | 16      | 7                 | 14                     | 1- -4                |
| 10      | 14      | 6                 | 12                     | 1- -2                |
| 8       | 12      | 5                 | 10                     | 1- -0                |
| 6       | 10      | 4                 | 8                      | -8                   |
| 4       | 8       | 3                 | 6                      | -6                   |
| DIM "F" | DIM "E" | PINS PER ROW "XX" | POSITION PER CONNECTOR | TE INTERNAL PART NO. |

|   |  |                                  |   |                         |
|---|--|----------------------------------|---|-------------------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT.  |  | DWN<br>R R NAYAK<br>26FEB2016    |  TE Connectivity |                         |
| DIMENSIONS:<br>mm   |  | CHK<br>KARTHIK J K<br>27JUN2016  |   |                         |
| TOLERANCES UNLESS OTHERWISE SPECIFIED:  |  | APVD<br>PRASHANTH S<br>27JUN2016 | PRODUCT SPEC<br>108-64040   | RESTRICTED TO<br>-      |
|  |  | 0 PLC $\pm$                      | APPLICATION SPEC<br>114-64040   | SIZE<br>A2              |
| MATERIAL<br>SEE NOTES   |  | 1 PLC $\pm 0.1$                  | WEIGHT  | CAGE CODE<br>100779     |
|   |  | 2 PLC $\pm 0.05$                 | CUSTOMER DRAWING  | DRAWING NO<br>C-2823211 |
|   |  | 3 PLC $\pm$                      | SCALE<br>8:1  | SHEET<br>3 OF 3         |
|   |  | 4 PLC $\pm$                      |   | REV<br>A1               |
|   |  | ANGLES $\pm 2^\circ$             |   |                         |
|   |  | FINISH                           |   |                         |
|   |  | SEE NOTES                        |   |                         |
|   |  |                                  |   |                         |