

CAP	3
POST	2
HOUSING	1
DESCRIPTION	ITEM NO.



1. MATERIAL: HOUSING & P&P CAP: HIGH TEMPERATURE THERMOPLASTIC, UL94-V0; COLOR- BLACK
POST: PHOSPHOR BRONZE

△ 2 3-5 μm TIN OVER MIN. 1.27 μm NICKEL UNDER PLATING.

3 MATING SIDE: MIN. 0.38 μ m SELECTIVE GOLD OVER MIN. 1.27 μ m NICKEL UNDER PLATING.
SOLDER SIDE: 4-6 μ m TIN OVER MIN. 1.27 μ m NICKEL UNDER PLATING.

4 MATING SIDE: MIN. 0.76 μ m SELECTIVE GOLD OVER MIN. 1.27 μ m NICKEL UNDER PLATING.
SOLDER SIDE: 4-6 μ m TIN OVER MIN. 1.27 μ m NICKEL UNDER PLATING.

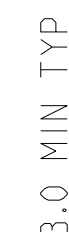
5. FOR SMART PART NUMBER, NO. OF POSITIONS PER CONNECTOR HAS TO BE ADDED NEXT TO NO. OF ROWS (2MM-HSP-D__-VS-00-__-__). REFER SHEET 2 NOMENCLATURE.

FOR EXAMPLE: 2MM-HSP-D03-VS-00-T-TBP = 6 POSITION.
2MM-HSP-D16-VS-00-T-TBP = 32 POSITION.

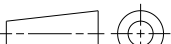
6. PACKAGING: A. TAPE & REEL WITH (W/) CAP.
B. TUBE WITH (W/) CAP.

△8 COPLANARITY VARIES WITH CONNECTOR POSITION
6-20 POS: 0,08mm
22-32 POS: 0.10mm

 PLATING THICKNESS MEASUREMENT POINT REFERENCE FOR SELECTIVE GOLD PLATING AREA



RECOMMENDED PCB PATTERN

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R R NAYAK CHK KARTHIK J K APVD PRASHANTH S		6APR2016 27JUN2016 27JUN2016		 TE Connectivity	
DIMENSIONS: mm 		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 1 PLC ±0.1 2 PLC ±0.05 3 PLC ± 4 PLC ± ANGLES ±2°		NAME AMPMODU 2mm SHROUDED MTE HEADER DUAL ROW,VERTICAL,SMD			
MATERIAL SEE NOTES -		FINISH SEE NOTES -		WEIGHT 114-64040		SIZE A2	
				CAGE CODE 00779		DRAWING NO C-2823235	
						RESTRICTED TO -	
CUSTOMER DRAWING				SCALE 8:1		SHEET 1 of 3	
						REV A1	

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REVISIONS

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

SMART PART NUMBER

2MM - HSP - D - VS - 00 - - -

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

VS Vertical surface mount

PACKAGING

TBP Tube with cap

TRP Tape and reel with cap

PLATING

T Tin

M 0.38µm selective Gold

H 0.76µm selective Gold

TAIL LENGTH

00 N/A for surface mount

SMART PN EXAMPLES :

1. AMPMODU 2MM, SHROUDED HEADER CENTER LATCH VERSION, DOUBLE ROW , 03 POSITION PER ROW , SURFACE MOUNT, TAIL LENGTH NOT APPLICABLE, TIN PLATING, TUBE WITH CAP
2MM-HSP-D03-VS-00-T-TBP

2. AMPMODU 2MM, SHROUDED HEADER CENTER LATCH VERSION, DOUBLE ROW , 16 POSITION PER ROW , SURFACE MOUNT, TAIL LENGTH NOT APPLICABLE, 0.76µm SELECTIVE GOLD PLATING, TAPE AND REEL WITH CAP
2MM-HSP-D16-VS-00-H-TRP

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:

mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ±
1 PLC ±0.1
2 PLC ±0.05
3 PLC ±
4 PLC ±
ANGLES ±°

MATERIAL

SEE NOTES

-

DWN R R NAYAK 6APR2016
CHK KARTHIK J K 27JUN2016
APVD PRASHANTH S 27JUN2016

PRODUCT SPEC

108-64040

APPLICATION SPEC

114-64040

WEIGHT

CUSTOMER DRAWING

SCALE 1:1

SHEET 2 OF 3

REV A1

TE Connectivity

NAME

AMPMODU 2mm SHROUDED MTE HEADER DUAL ROW ,VERTICAL,SMD

SIZE

A2

CAGE CODE

00779

DRAWING NO

2823235

RESTRICTED TO

-

D

C

B

A

D

C

B

A

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REVISIONS

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

TE INTERNAL BASE NO.	PACKAGING TYPE	MATING SIDE PLATING FINISH	SMART PN
2823950	TUBE W / CAP	TIN $\triangle$ ₂	2MM-HSP-DXX-VS-00-T-TBP
2823235	TAPE AND REEL W / CAP		2MM-HSP-DXX-VS-00-T-TRP
2823951	TUBE W / CAP	SELECTIVE Au 0.38 μ m $\triangle$ ₃	2MM-HSP-DXX-VS-00-M-TBP
2823240	TAPE AND REEL W / CAP		2MM-HSP-DXX-VS-00-M-TRP
2823952	TUBE W / CAP	SELECTIVE Au 0.76 μ m $\triangle$ ₄	2MM-HSP-DXX-VS-00-H-TBP
2823244	TAPE AND REEL W / CAP		2MM-HSP-DXX-VS-00-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.

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DIMENSIONS:
mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ±

1 PLC ±0.1

2 PLC ±0.05

3 PLC ±

4 PLC ±

ANGLES ±2°

FINISH

MATERIAL
SEE NOTES
-

SEE NOTES

-

DWN
R R NAYAK
6APR2016

CHK
KARTHIK J K
27JUN2016

APVD
PRASHANTH S
27JUN2016

PRODUCT SPEC
108-64040

APPLICATION SPEC
114-64040

WEIGHT

CUSTOMER DRAWING

TE Connectivity

NAME
AMPMODU 2mm SHROUDED MTE HEADER
DUAL ROW,VERTICAL,SMD

SIZE
A2

CAGE CODE
100779

DRAWING NO
C=2823235

RESTRICTED TO
-

SCALE
8:1

SHEET
3

OF
3

REV
A1

1471-9 (3/13)