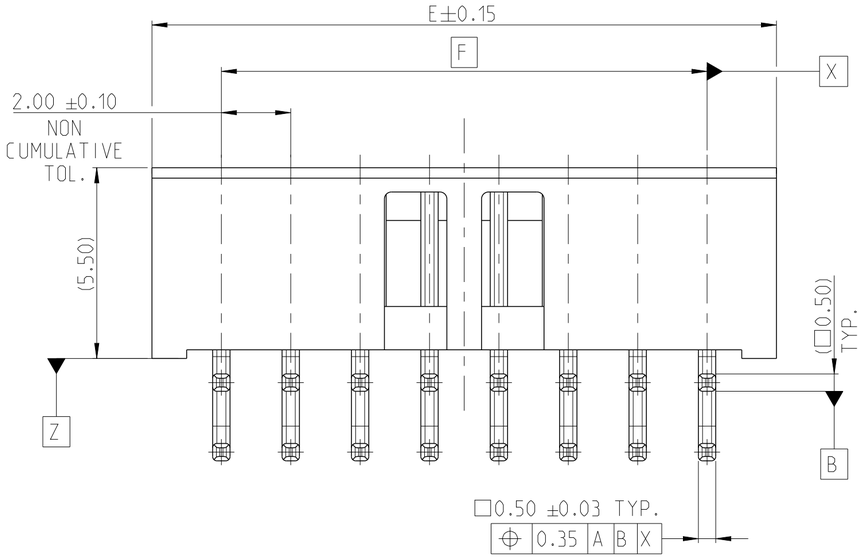
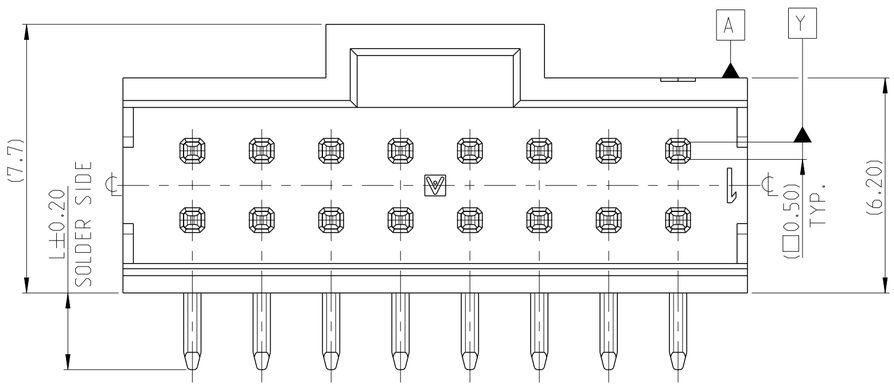
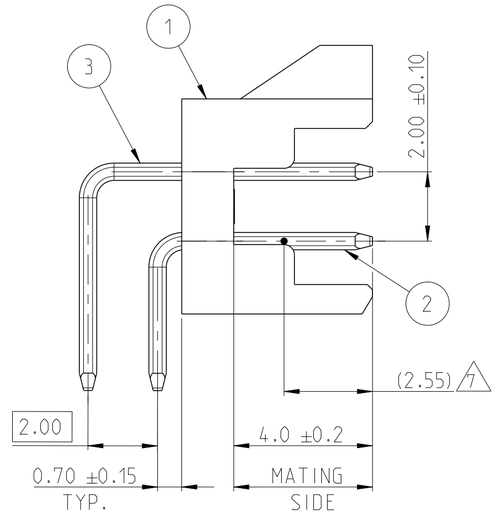
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REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	A	RELEASE TO PRODUCTION	20SEP2022	DK	PS
	A1	BASE NO ADDED WITH REFERENCE TO THE SMART PN	03NOV2023	Ka	SS



POST 2	3
POST 1	2
HOUSING	1
DESCRIPTION	ITEM





NOTES:

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

FINISH:

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

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

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

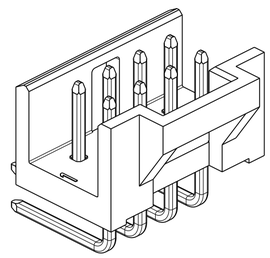
5. FOR SMART PART NUMBER, NO. OF POSITIONS PER CONNECTOR HAS TO BE ADDED NEXT TO NO. OF ROWS (2MM-HSP-D__-HT-__-__-__). REFER SHEET 2 NOMENCLATURE.

   FOR EXAMPLE: 2MM-HSP-D03-HT-01-T-TB = 6 POSITION.
   2MM-HSP-D16-HT-01-T-TB = 32 POSITION.

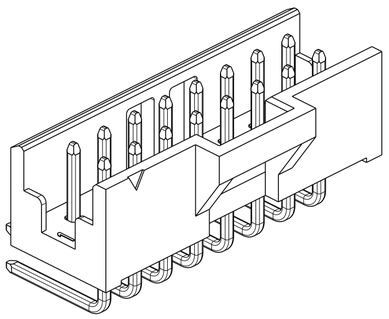
6. PACKAGING: A. TAPE & REEL WITHOUT (W/O) CAP.
   B. TUBE WITHOUT (W/O) CAP.

7 PLATING THICKNESS MEASUREMENT POINT REFERENCE FOR SELECTIVE GOLD PLATING

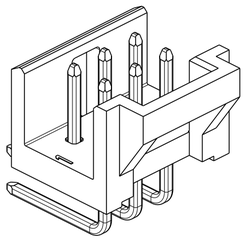
8. "L" DENOTES TAIL LENGTH



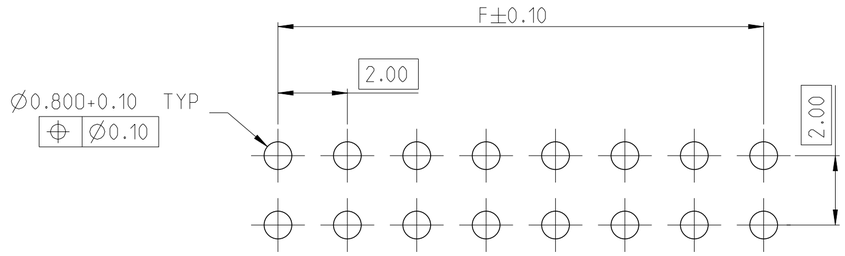
-8 AS SHOWN



1- -6 AS SHOWN



-6 AS SHOWN



8:1

RECOMMENDED PCB HOLE PATTERN FOR THROUGH HOLE WAVE

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R R NAYAK 27JUN2016	TE Connectivity
		CHK KARTHIK J K 27JUN2016	
DIMENSIONS: mm	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±- ; 1 PLC ±0.1 ; 2 PLC ±0.05 ; 3 PLC ±- ; 4 PLC ±- ; ANGLES ±2°	APVD PRASHANTH S 27JUN2016	NAME AMPMODU 2mm SHROUDED MTE HEADER DUAL ROW,RIGHT ANGLE
		PRODUCT SPEC 108-64040	
		APPLICATION SPEC 114-64040	SIZE A2 · CAGE CODE 00779 · DRAWING NO C-2823224 · RESTRICTED TO -
MATERIAL SEE NOTES -	FINISH SEE NOTES -	WEIGHT	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 ___ - HT - ___ - ___ - ___

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

HT	Horizontal through hole

PACKAGING

TB	Tube without cap
TR	Tape and reel without 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, RIGHT ANGLE MOUNT, 2.2MM SOLDER TAIL LENGTH, TIN PLATING, TUBE W/O CAP
   2MM-HSP-D03-HT-01-T-TB

2. AMPMODU 2MM, SHROUDED HEADER CENTER LATCH VERSION, DOUBLE ROW, 16 POSITION PER ROW, RIGHT ANGLE MOUNT, 2.8MM SOLDER TAIL LENGTH, 0.76 µm SELECTIVE GOLD PLATING, TAPE AND REEL WITHOUT CAP
   2MM-HSP-D16-HT-02-H-TR

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 ±2°

MATERIAL: SEE NOTES -

FINISH: SEE NOTES -

DWN: R R NAYAK 27JUN2016
CHK: KARTHIK J K 27JUN2016
APVD: PRASHANTH S 27JUN2016
PRODUCT SPEC: 108-64040
APPLICATION SPEC: 114-64040
WEIGHT:

TE Connectivity

NAME: AMPMODU 2mm SHROUDED MTE HEADER DUAL ROW ,RIGHT ANGLE

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A2	00779	C-2823224	-

CUSTOMER DRAWING | SCALE 1:1 | SHEET 2 OF 3 | REV A1

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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
2823224	TUBE W/O CAP	TIN (2)	2.2	2MM-HSP-DXX-HT-01-T-TB
2823547	TAPE AND REEL W/O CAP		2.2	2MM-HSP-DXX-HT-01-T-TR
2823409	TUBE W/O CAP		2.8	2MM-HSP-DXX-HT-02-T-TB
2823550	TAPE AND REEL W/O CAP		2.8	2MM-HSP-DXX-HT-02-T-TR
2823228	TUBE W/O CAP	SELECTIVE Au 0.38 µm (3)	2.2	2MM-HSP-DXX-HT-01-M-TB
2823548	TAPE AND REEL W/O CAP		2.2	2MM-HSP-DXX-HT-01-M-TR
2823410	TUBE W/O CAP		2.8	2MM-HSP-DXX-HT-02-M-TB
2823551	TAPE AND REEL W/O CAP		2.8	2MM-HSP-DXX-HT-02-M-TR
2823232	TUBE W/O CAP	SELECTIVE Au 0.76 µm (4)	2.2	2MM-HSP-DXX-HT-01-H-TB
2823549	TAPE AND REEL W/O CAP		2.2	2MM-HSP-DXX-HT-01-H-TR
2823411	TUBE W/O CAP		2.8	2MM-HSP-DXX-HT-02-H-TB
2823552	TAPE AND REEL W/O CAP		2.8	2MM-HSP-DXX-HT-02-H-TR

DIM "F"	DIM "E"	PINS PER ROW "XX"	POSITION PER CONNECTOR	TE INTERNAL PART NO.
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

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 ±2°

MATERIAL: SEE NOTES -

FINISH: SEE NOTES -

DWN R R NAYAK 27JUN2016
CHK KARTHIK J K 27JUN2016
APVD PRASHANTH S 27JUN2016
PRODUCT SPEC 108-64040
APPLICATION SPEC 114-64040
WEIGHT

TE Connectivity

NAME AMPMODU 2mm SHROUDED MTE HEADER DUAL ROW ,RIGHT ANGLE

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A2	00779	C-2823224	-

CUSTOMER DRAWING | SCALE 8:1 | SHEET 3 OF 3 | REV A1

Unikeyic Electronics

Global Electronic Components Distributor

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