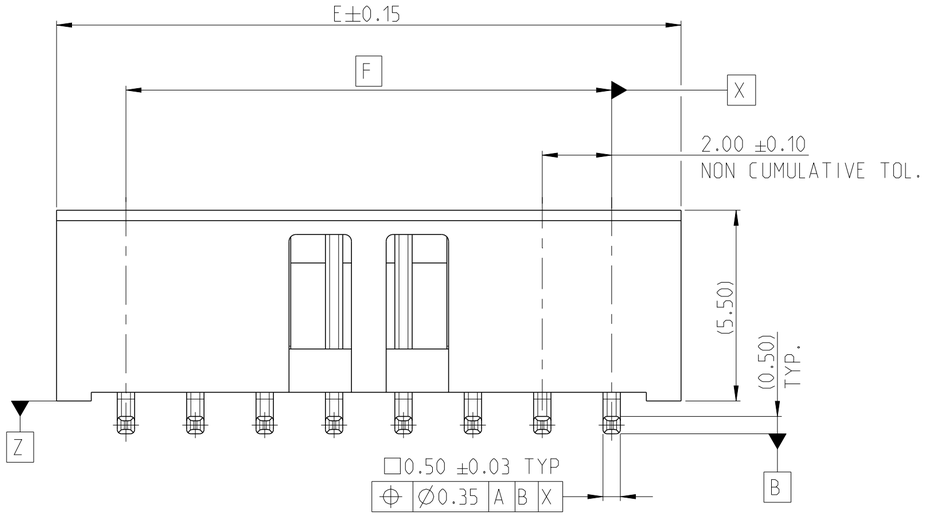
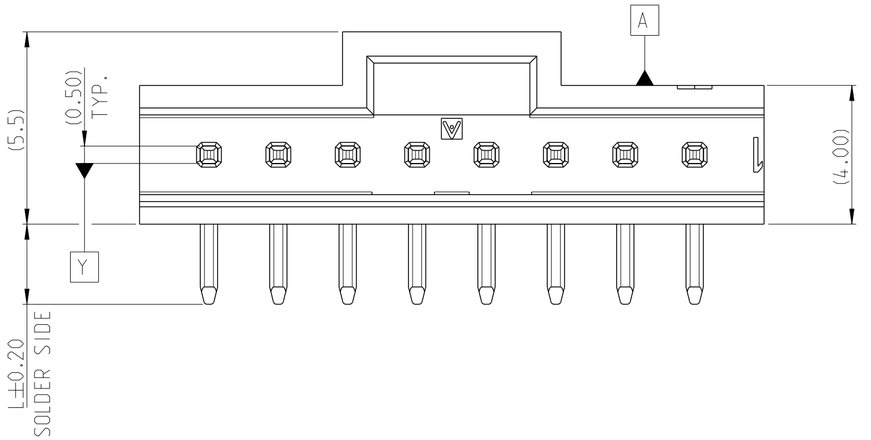
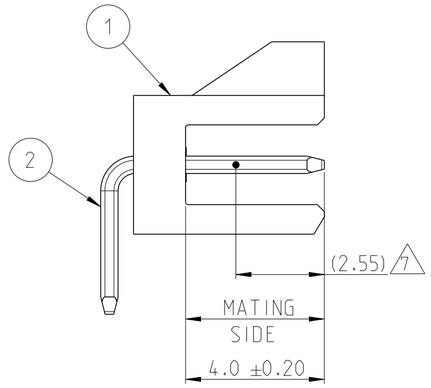
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REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	A	RELEASE TO PRODUCTION	20SEP2022	DK	PS
	A1	BASE NO ADDED WITH REFERENCE TO THE SMART PN	03NOV2023	Ka	SS







NOTES:

1. MATERIAL: HOUSING & P&P CAP: HIGH TEMPERATURE THERMO PLASTIC, 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.

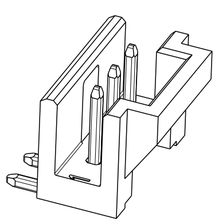
5. FOR SMART PART NUMBER. NO. OF POSITIONS PER CONNECT HAS TO BE ADDED NEXT TO NO. OF ROWS (2MM-HSP-S__-HT-__-__-__). REFER SHEET 2 NOMENCLATURE.

   FOR EXAMPLE: 2MM-HSP-S03-HT-01-T-TB = 3 POSITION.
   2MM-HSP-S16-HT-01-T-TB = 16 POSITION.

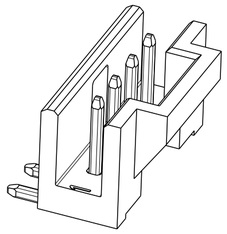
6. PACKAGING: A. TAPE & REEL WITH (W/) CAP.
   B. TUBE WITH (W/) AND WITHOUT (W/O) CAP.

7 PLATING THICKNESS MEASUREMENT POINT REFERENCE FOR SELECTIVE GOLD PLATING AREA

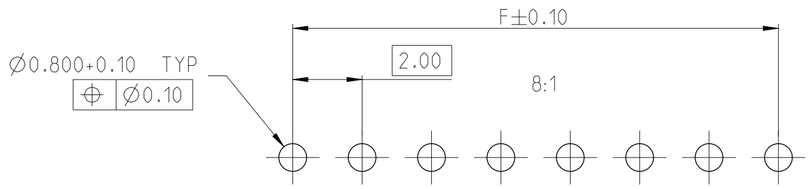
8. "L" DENOTES TAIL LENGTH



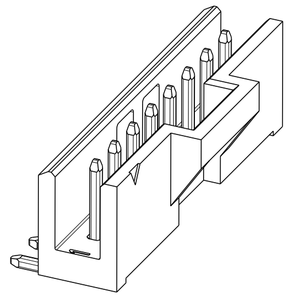
-3 AS SHOWN



-4 AS SHOWN



RECOMMENDED PCB HOLE PATTERN FOR THROUGH HOLE WAVE



-8 AS SHOWN

POST	2
HOUSING	1
DESCRIPTION	ITEM NO.

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 RAKESH 7JUL2016
CHK KARTHIK J K 7JUL2016
APVD PRASHANTH S 7JUL2016
PRODUCT SPEC 108-64040
APPLICATION SPEC 114-64040
WEIGHT

TE Connectivity

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

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A2	00779	C-2823187	-

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 - S ___ - HT - ___ - ___ - ___

PRODUCT SERIES

2MM	AMPMODU 2mm series

GENDER / TYPE

HSP	Shrouded headers for positive latch

NUMBER OF ROWS

S	Single 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, SINGLE ROW, 03 POSITION PER ROW, RIGHT ANGLE MOUNT, 2.2MM SOLDER TAIL LENGTH, TIN PLATING, TUBE W/O CAP
   2MM-HSP-S03-HT-01-T-TB

2. AMPMODU 2MM, SHROUDED HEADER CENTER LATCH VERSION, SINGLE ROW, 16 POSITION PER ROW, RIGHT ANGLE MOUNT, 2.8MM SOLDER TAIL LENGTH, 0.76µm SELECTIVE GOLD PLATING, TAPE AND REEL WITHOUT CAP
   2MM-HSP-S16-HT-02-H-TR

THIS DRAWING IS A CONTROLLED DOCUMENT.

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

MATERIAL: SEE NOTES -

FINISH: SEE NOTES -

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CUSTOMER DRAWING

TE Connectivity

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

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
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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
2823187	TUBE W/O CAP	TIN (2)	2.2	2MM-HSP-SXX-HT-01-T-TB
2823541	TAPE AND REEL W/O CAP		2.2	2MM-HSP-SXX-HT-01-T-TR
2823403	TUBE W/O CAP		2.8	2MM-HSP-SXX-HT-02-T-TB
2823544	TAPE AND REEL W/O CAP		2.8	2MM-HSP-SXX-HT-02-T-TR
2823191	TUBE W/O CAP	SELECTIVE Au 0.38 µm (3)	2.2	2MM-HSP-SXX-HT-01-M-TB
2823542	TAPE AND REEL W/O CAP		2.2	2MM-HSP-SXX-HT-01-M-TR
2823404	TUBE W/O CAP		2.8	2MM-HSP-SXX-HT-02-M-TB
2823545	TAPE AND REEL W/O CAP		2.8	2MM-HSP-SXX-HT-02-M-TR
2823194	TUBE W/O CAP	SELECTIVE Au 0.76 µm (4)	2.2	2MM-HSP-SXX-HT-01-H-TB
2823543	TAPE AND REEL W/O CAP		2.2	2MM-HSP-SXX-HT-01-H-TR
2823405	TUBE W/O CAP		2.8	2MM-HSP-SXX-HT-02-H-TB
2823546	TAPE AND REEL W/O CAP		2.8	2MM-HSP-SXX-HT-02-H-TR

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

THIS DRAWING IS A CONTROLLED DOCUMENT.

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

MATERIAL: SEE NOTES -

FINISH: SEE NOTES -

DWN RAKESH 7JUL2016
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PRODUCT SPEC 108-64040
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WEIGHT

CUSTOMER DRAWING

TE Connectivity

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

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
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SCALE 8:1 | SHEET 3 OF 3 | REV A1

Unikeyic Electronics

Global Electronic Components Distributor

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TE Connectivity:

2005330-1 2310537-1 2380312-2 650075-000 SBCHE64R7K 2834055-1 3430B2F51RTDF 917696-1 CPF0402B37K4E1 RH73H2A40MKTN 141991-2 1903112-2 2377783-2 3-1393225-0 ROX05SJ18R TE50BR39J 1393431-1 175977-2 1969656-1 936348-1 CRGCQ2010J3K3 SMW73R0JT 1743455-2 2-292161-3 3631B101LL MPT100C18RF U5254-000005-030PA SBCHE154R7K 1-794222-0 1-962915-1