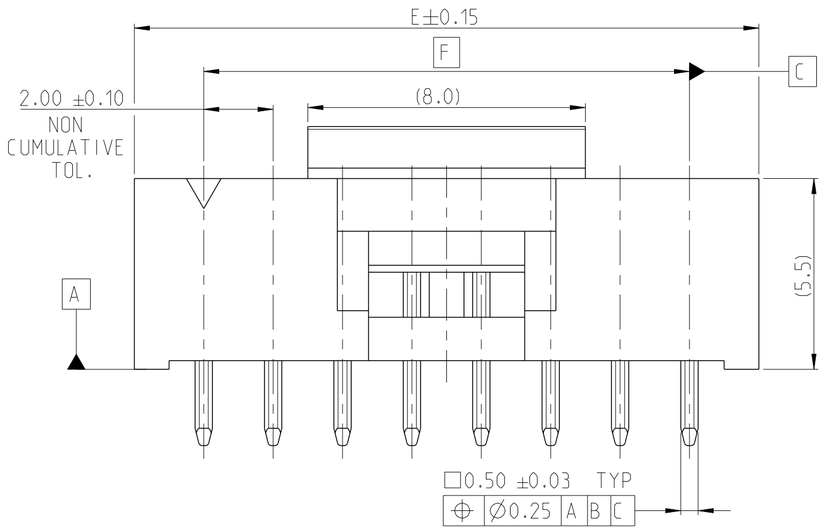
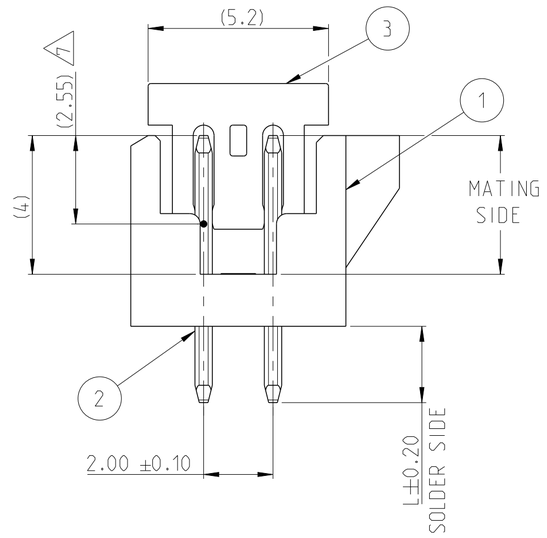
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REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	A	RELEASE TO PRODUCTION	20SEP2022	DK	PS
	A1	BASE NO ADDED WITH REFERENCE TO THE SMART PN	03NOV2023	Ka	SS





NOTES:

1. MATERIA: HOUSING & P&P CAP: 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.

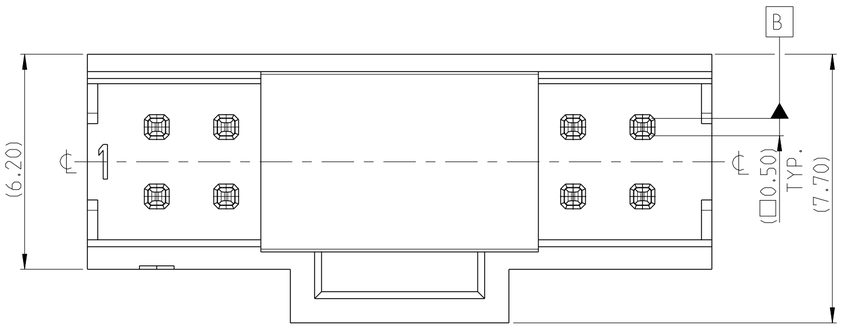
5. FOR SMART PART NUMBER, NO. OF POSITIONS PER CONNECTOR HAS TO BE ADDED NEXT TO NO. OF ROWS (2MM-HSP-D__-VT-__-__-__). REFER SHEET 2 NOMENCLATURE.

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

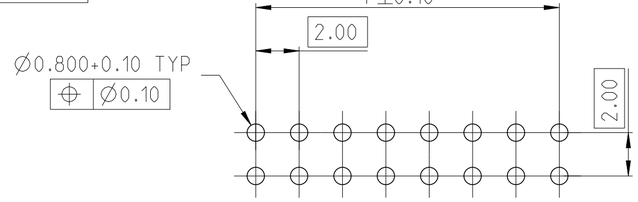
6. PACKAGING: A. TAPE & REEL WITH (W/) CAP.
   B. TUBE WITH (W/) AND WITHOUT (W/O) CAP.

△7 PLATING THICKNESS MEASUREMENT POINT REFERENCE FOR SELECTIVE GOLD PLATING AREA

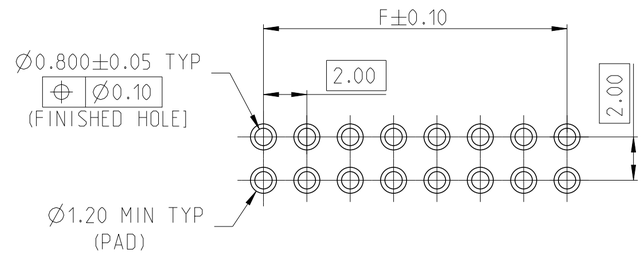
8. "L" DENOTES TAIL LENGTH



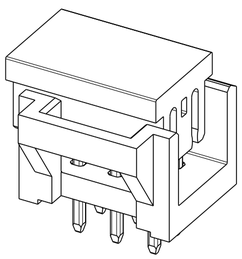
CAP	3
POST	2
HOUSING	1
DESCRIPTION	ITEM NO.



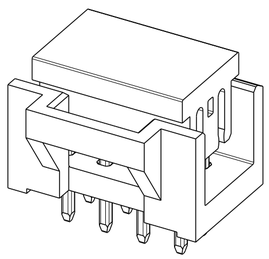
RECOMMENDED PCB HOLE PATTERN FOR THROUGH HOLE WAVE



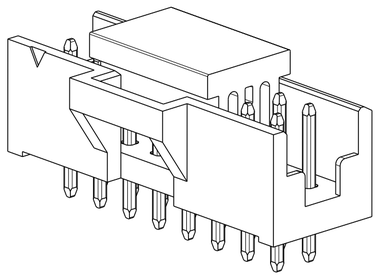
RECOMMENDED PCB HOLE PATTERN FOR THROUGH HOLE REFLOW / PIN-IN-PASTE



-6 AS SHOWN



-8 AS SHOWN



1- -6 AS SHOWN

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R R NAYAK 26FEB2016	TE Connectivity
DIMENSIONS: mm	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±, 1 PLC ±0.1, 2 PLC ±0.05, 3 PLC ±, 4 PLC ±, ANGLES ±2°	CHK KARTHIK J K 27JUN2016	NAME AMPMODU 2mm, SHROUDED MTE HEADER DUAL ROW, VERTICAL
		APVD PRASHANTH S 27JUN2016	
		PRODUCT SPEC 108-64040	
		APPLICATION SPEC 114-64040	
MATERIAL SEE NOTES -	FINISH SEE NOTES -	WEIGHT	SIZE A2 · CAGE CODE 00779 · DRAWING NO C-2823211 · 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 ___ - 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, 0.76µm SELECTIVE GOLD PLATING, TAPE AND REEL WITH CAP
   2MM-HSP-D16-VT-02-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 ±2°

MATERIAL: SEE NOTES -

FINISH: SEE NOTES -

DWN R R NAYAK 26FEB2016
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, VERTICAL

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A2	00779	C-2823211	-

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
2823211	TUBE W/O CAP	TIN (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 µm (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 µm (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

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 26FEB2016
CHK KARTHIK J K 27JUN2016
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PRODUCT SPEC 108-64040
APPLICATION SPEC 114-64040
WEIGHT

TE Connectivity

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

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A2	00779	C-2823211	-

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

Unikeyic Electronics

Global Electronic Components Distributor

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TE Connectivity:

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