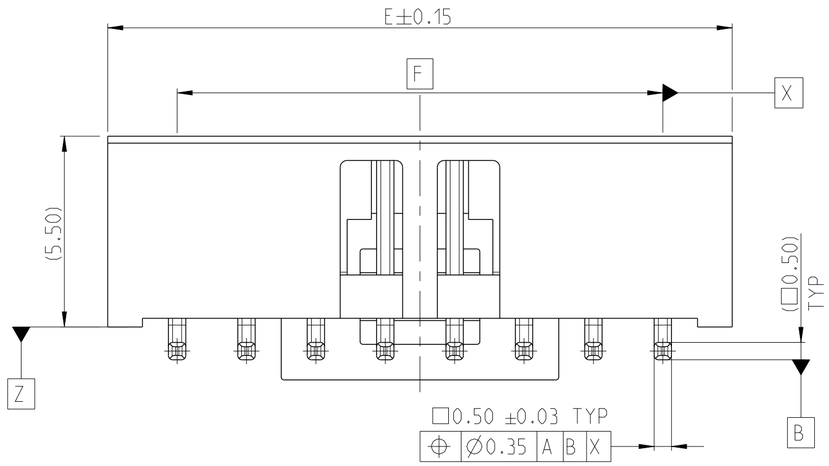
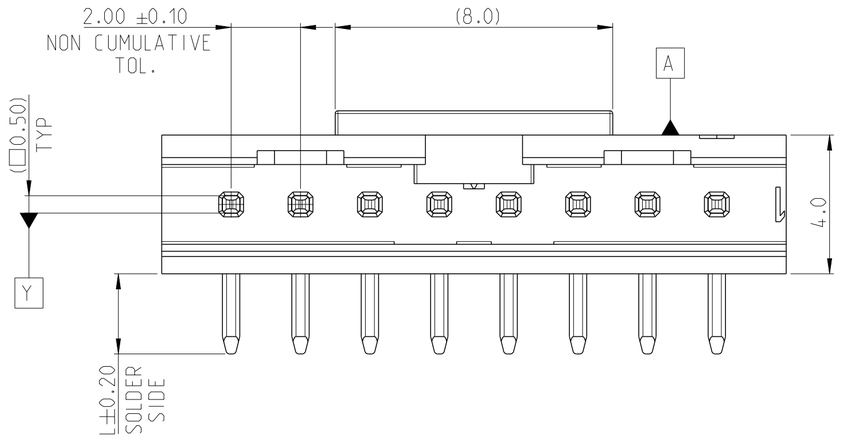
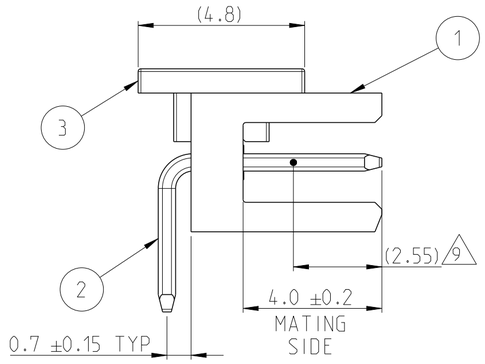
© 2023 TE Connectivity. All Rights Reserved.

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 THERMOPLASTIC, UL94-V0; COLOR- BLACK
   POST: PHOSPHOR BRONZE

FINISH:

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

3 MATING SIDE: MIN. 0.1µm SELECTIVE GOLD OVER MIN. 1.27µm NICKEL UNDER PLATING.
SOLDER SIDE: 4-6µm TIN OVER MIN. 1.27µm NICKEL UNDER PLATING.

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

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

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

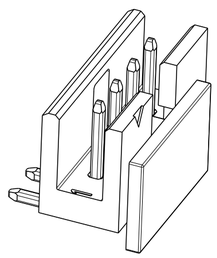
   FOR EXAMPLE: 2MM-HSD-S02-HT-01-T-TB = 2 POSITION.
   2MM-HSD-S16-HT-01-T-TB = 16 POSITION.

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

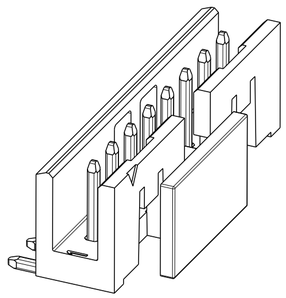
8 FOR T&R W/CAP AND TUBE W/CAP PACKAGING:
NO PICK AND PLACE CAP FOR -2 POS. HEADER.
HEADER POSITION STARTS FROM -3 POS.

9 PLATING THICKNESS MEASUREMENT POINT REFERENCE FOR SELECTIVE GOLD PLATING AREA

10. "L" DENOTES TAIL LENGTH

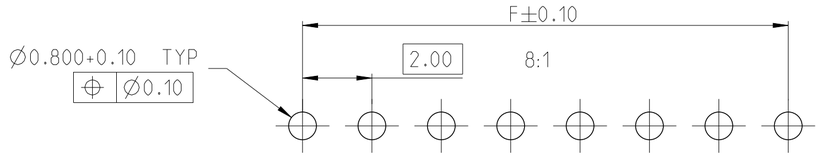


-4 AS SHOWN



-8 AS SHOWN

CAP	3
POST	2
HOUSING	1
DESCRIPTION	ITEM NO



RECOMMENDED PCB HOLE PATTERN FOR THROUGH HOLE WAVE

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 RAKSHITH R NAYAK 11FEB2016
CHK KARTHIK J K 6APR2016
APVD PRASHANTH S 6APR2016
PRODUCT SPEC 108-64040
APPLICATION SPEC 114-64040
WEIGHT

TE Connectivity

NAME AMPMODU 2mm SHROUDED HEADER SINGLE ROW,RIGHT ANGLE

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A2	00779	C-2823384	-

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

© 2023 TE Connectivity. All Rights Reserved.

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

SMART PART NUMBER

2MM - HSD - S ___ - HT - ___ - ___ - ___

PRODUCT SERIES

2MM	AMPMODU 2mm series

GENDER / TYPE

HSD	Shrouded headers for detent latch

NUMBER OF ROWS

S	Single row

NUMBER OF PINS PER ROW

XX	02 through 16 (enter two digits)

ORIENTATION & TERMINATION

HT	Horizontal through hole

PACKAGING

TB	Tube without cap
TBP	Tube with cap (8)
TRP	Tape and reel with cap (8)

PLATING

T	Tin
F	0.1µm selective Gold (Gold flash)
M	0.38µm selective Gold
H	0.76µm selective Gold

TAIL LENGTH (L)

01	2.2 mm
02	2.8 mm

SMART PN EXAMPLES :

1. AMPMODU 2MM, SHROUDED HEADER STD VERSION, SINGLE ROW, 02 POSITION PER ROW, RIGHT ANGLE MOUNT, 2.2MM SOLDER TAIL LENGTH, TIN PLATING, TUBE W/O CAP
   2MM-HSD-S02-HT-01-T-TB

2. AMPMODU 2MM, SHROUDED HEADER STD VERSION, SINGLE ROW, 16 POSITION PER ROW, RIGHT ANGLE MOUNT, 2.8MM SOLDER TAIL LENGTH, 0.76µm SELECTIVE GOLD PLATING, TAPE AND REEL WITH CAP
   2MM-HSD-S16-HT-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 11FEB2016 RAKSHITH R NAYAK
CHK 6APR2016 KARTHIK J K
APVD 6APR2016 PRASHANTH S
PRODUCT SPEC 108-64040
APPLICATION SPEC 114-64040
WEIGHT

TE Connectivity

NAME AMPMODU 2mm SHROUDED HEADER SINGLE ROW,RIGHT ANGLE

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A2	00779	C-2823384	-

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

© 2023 TE Connectivity. All Rights Reserved.

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
2823384	TUBE W/O CAP	TIN (2)	2.2	2MM-HSD-SXX-HT-01-T-TB
2823855	TUBE W/ CAP		2.2	2MM-HSD-SXX-HT-01-T-TBP
2823513	TAPE AND REEL W/ CAP		2.2	2MM-HSD-SXX-HT-01-T-TRP
2823385	TUBE W/O CAP		2.8	2MM-HSD-SXX-HT-02-T-TB
2823863	TUBE W/ CAP		2.8	2MM-HSD-SXX-HT-02-T-TBP
2823517	TAPE AND REEL W/ CAP		2.8	2MM-HSD-SXX-HT-02-T-TRP
2823387	TUBE W/O CAP	SELECTIVE Au flash 0.1µm (3)	2.2	2MM-HSD-SXX-HT-01-F-TB
2823856	TUBE W/ CAP		2.2	2MM-HSD-SXX-HT-01-F-TBP
2823514	TAPE AND REEL W/ CAP		2.2	2MM-HSD-SXX-HT-01-F-TRP
2823388	TUBE W/O CAP		2.8	2MM-HSD-SXX-HT-02-F-TB
2823864	TUBE W/ CAP		2.8	2MM-HSD-SXX-HT-02-F-TBP
2823518	TAPE AND REEL W/ CAP		2.8	2MM-HSD-SXX-HT-02-F-TRP
2823390	TUBE W/O CAP	SELECTIVE Au 0.38µm (4)	2.2	2MM-HSD-SXX-HT-01-M-TB
2823857	TUBE W/ CAP		2.2	2MM-HSD-SXX-HT-01-M-TBP
2823515	TAPE AND REEL W/ CAP		2.2	2MM-HSD-SXX-HT-01-M-TRP
2823391	TUBE W/O CAP		2.8	2MM-HSD-SXX-HT-02-M-TB
2823865	TUBE W/ CAP		2.8	2MM-HSD-SXX-HT-02-M-TBP
2823519	TAPE AND REEL W/ CAP		2.8	2MM-HSD-SXX-HT-02-M-TRP
2823393	TUBE W/O CAP	SELECTIVE Au 0.76µm (5)	2.2	2MM-HSD-SXX-HT-01-H-TB
2823858	TUBE W/ CAP		2.2	2MM-HSD-SXX-HT-01-H-TBP
2823516	TAPE AND REEL W/ CAP		2.2	2MM-HSD-SXX-HT-01-H-TRP
2823394	TUBE W/O CAP		2.8	2MM-HSD-SXX-HT-02-H-TB
2823866	TUBE W/ CAP		2.8	2MM-HSD-SXX-HT-02-H-TBP
2823520	TAPE AND REEL W/ CAP		2.8	2MM-HSD-SXX-HT-02-H-TRP

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
2	6	2	-2

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: RAKSHITH R NAYAK 11FEB2016
CHK: KARTHIK J K 6APR2016
APVD: PRASHANTH S 6APR2016
PRODUCT SPEC: 108-64040
APPLICATION SPEC: 114-64040
WEIGHT:

CUSTOMER DRAWING

TE Connectivity

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

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A2	00779	C-2823384	-

SCALE 4:1 SHEET 3 OF 3 REV A1

Unikeyic Electronics

Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

TE Connectivity:

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