

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

D

C

B

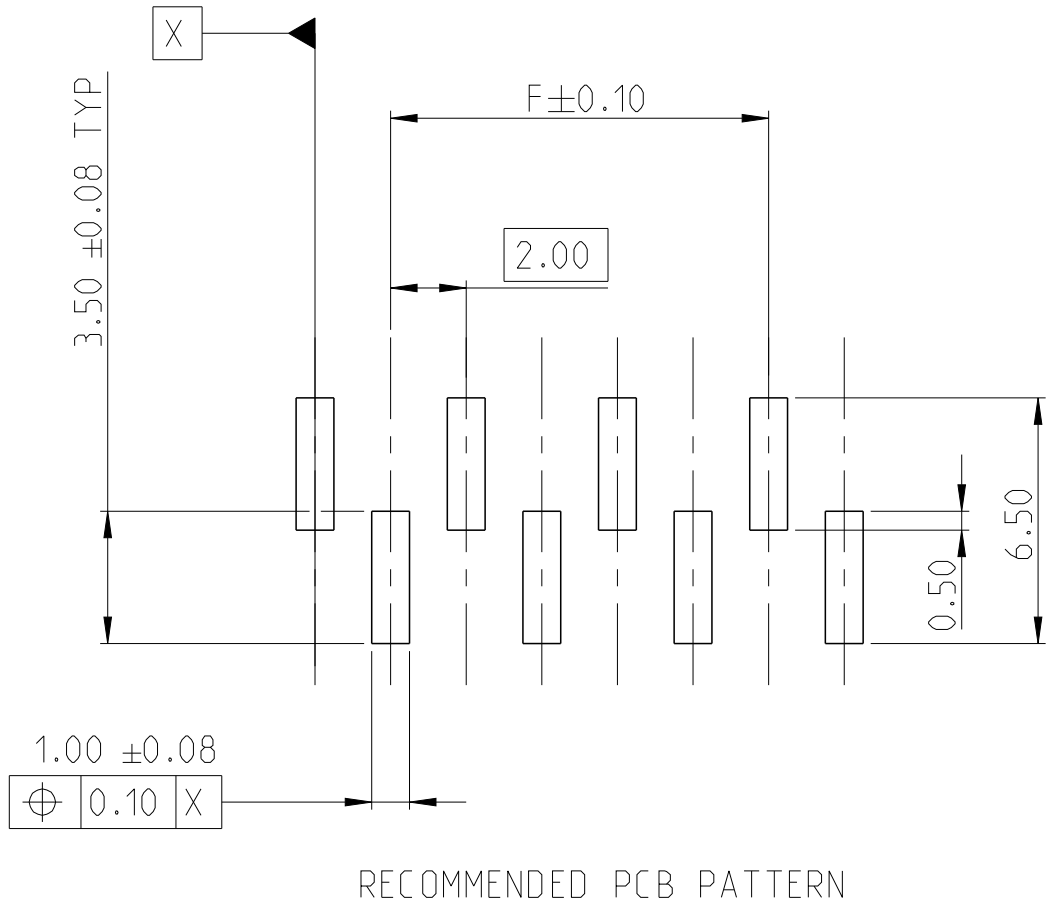
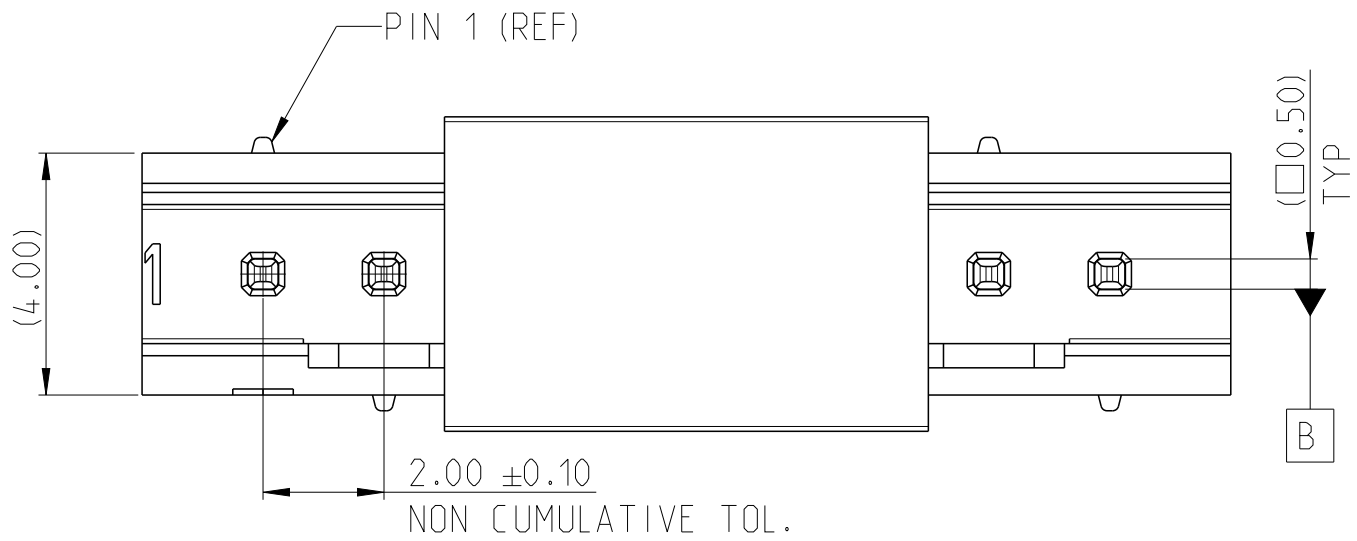
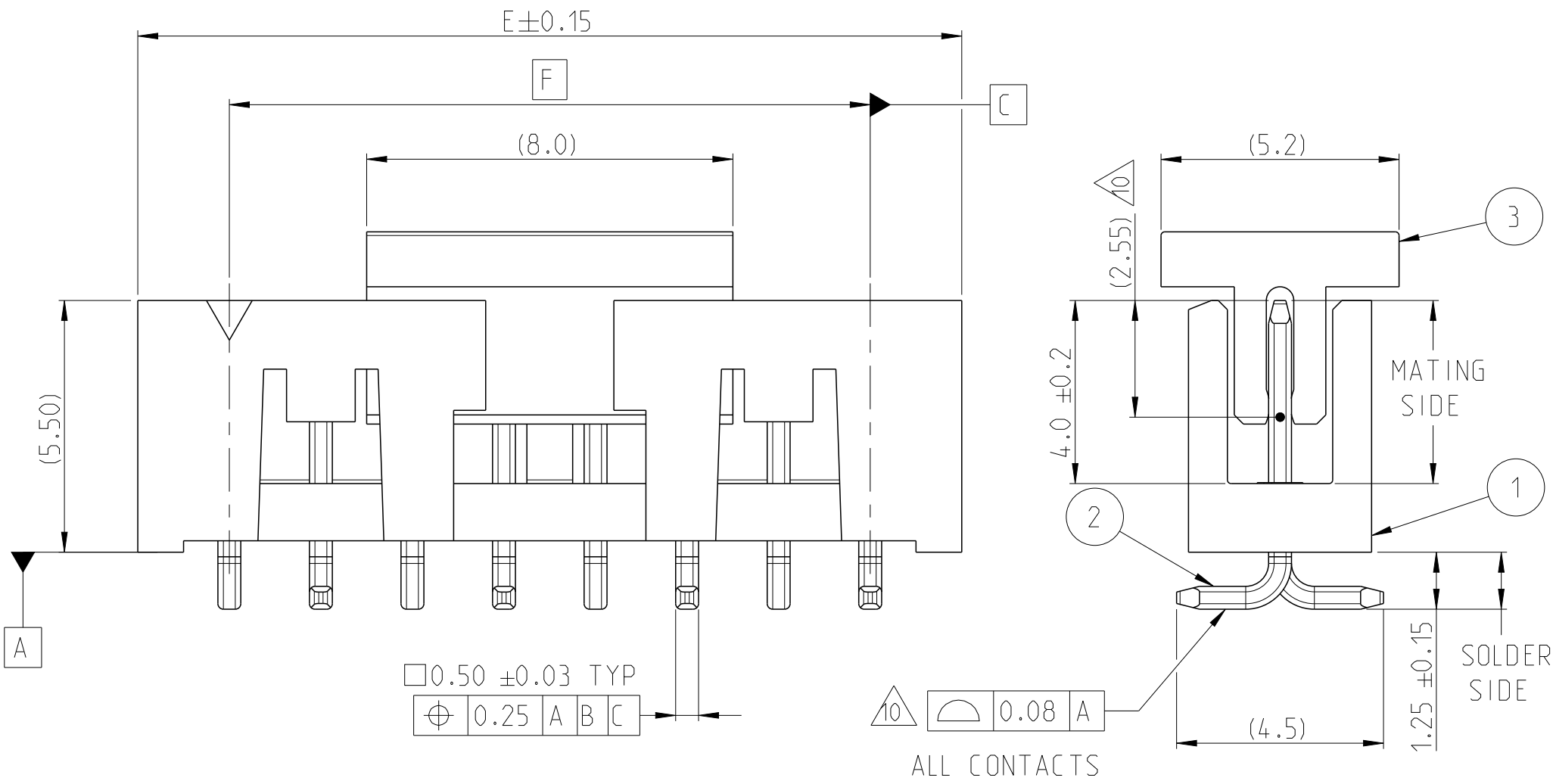
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NOTES:

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__-VS-00-__-__). REFER SHEET 2 NOMENCLATURE.

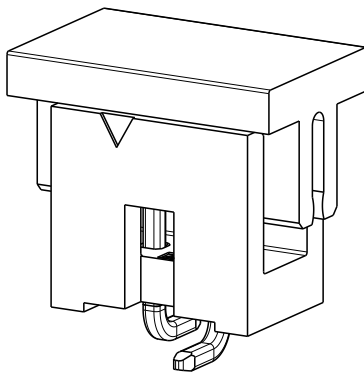
FOR EXAMPLE: 2MM-HSD-S02-VS-00-T-TRP = 2 POSITION.
2MM-HSD-S16-VS-00-T-TRP = 16 POSITION.

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

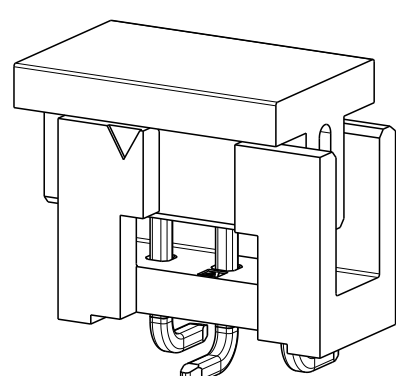
8 FOR TUBE PACKAGING W/CAP:
NO PICK AND PLACE CAP FOR -2 POS. HEADER POSITION STARTS FROM -3 POS.

9 COPLANARITY VARIES WITH CONNECTOR POSITION
2-10 POS: 0.08mm
11-16 POS: 0.10mm

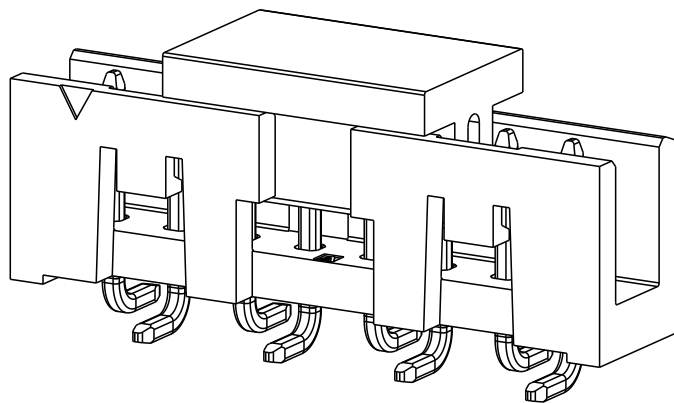
10 PLATING THICKNESS MEASUREMENT POINT REFERENCE FOR SELECTIVE GOLD PLATING AREA



-2 AS SHOWN



-3 AS SHOWN



-8 AS SHOWN

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN 11FEB2016 RAKSHITH R NAYAK	TE Connectivity			
DIMENSIONS: mm		CHK 6APR2016 KARTHIK J K				
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD 6APR2016 PRASHANTH S	NAME AMPMODU 2mm SHROUDED HEADER SINGLE ROW, VERTICAL, SMD			
0 PLC ± 1 PLC ±0.1 2 PLC ±0.05 3 PLC ± 4 PLC ± ANGLES ±2°		PRODUCT SPEC 108-64040	SIZE A2		CAGE CODE 00779	DRAWING NO C=2823396
MATERIAL SEE NOTES		APPLICATION SPEC 114-64040	RESTRICTED TO -		SHEET 1 OF 3	
FINISH SEE NOTES		WEIGHT	CUSTOMER DRAWING		SCALE 8:1	REV A1

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REVISIONS

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

SMART PART NUMBER

2MM - HSD - S - VS - 00 - - -

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

VS Vertical surface mount

PACKAGING

TBP Tube with cap

TRP Tape and reel with cap

PLATING

T Tin

F 0.1µm selective Gold (Gold flash)

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 STD VERSION, SINGLE ROW , 03 POSITION PER ROW , SURFACE MOUNT, TAIL LENGTH NOT APPLICABLE, TIN PLATING, TUBE WITH CAP
2MM-HSD-S03-VS-00-T-TBP

2. AMPMODU 2MM, SHROUDED HEADER STD VERSION, SINGLE ROW , 16 POSITION PER ROW , SURFACE MOUNT, TAIL LENGTH NOT APPLICABLE, 0.76µm SELECTIVE GOLD PLATING, TAPE AND REEL WITH CAP
2MM-HSD-S16-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 11FEB2016
CHK RAKSHITH R NAYAK
KARTHIK J K
APVD PRASHANTH S

PRODUCT SPEC

108-64040

APPLICATION SPEC

114-64040

WEIGHT

CUSTOMER DRAWING

TE

TE Connectivity

NAME

AMPMODU 2mm SHROUDED HEADER SINGLE ROW ,VERTICAL,SMD

SIZE

A2

CAGE CODE

100779

DRAWING NO

C=2823396

RESTRICTED TO

-

SCALE

1:1

SHEET

2

OF

3

REV

A1

1471-9 (3/13)

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C

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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
2823871	TUBE W / CAP	TIN ²	2MM-HSD-SXX-VS-00-T-TBP
2823396	TAPE AND REEL W / CAP		2MM-HSD-SXX-VS-00-T-TRP
2823872	TUBE W / CAP	SELECTIVE Au flash 0.1µm ³	2MM-HSD-SXX-VS-00-F-TBP
2823397	TAPE AND REEL W / CAP		2MM-HSD-SXX-VS-00-F-TRP
2823873	TUBE W / CAP	SELECTIVE Au 0.38µm ⁴	2MM-HSD-SXX-VS-00-M-TBP
2823398	TAPE AND REEL W / CAP		2MM-HSD-SXX-VS-00-M-TRP
2823874	TUBE W / CAP	SELECTIVE Au 0.76µm ⁵	2MM-HSD-SXX-VS-00-H-TBP
2823399	TAPE AND REEL W / CAP		2MM-HSD-SXX-VS-00-H-TRP

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
DIM "F"	DIM "E"	NUMBER OF PINS PER ROW "XX"	TE INTERNAL PART 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 ±°

FINISH

MATERIAL

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

CUSTOMER DRAWING

TE Connectivity

NAME

AMPMODU 2mm SHROUDED HEADER
SINGLE ROW ,VERTICAL,SMD

SIZE

A2

CAGE CODE

100779

DRAWING NO

©=2823396

RESTRICTED TO

-

SCALE

8:1

SHEET

3

OF

3

REV

A1