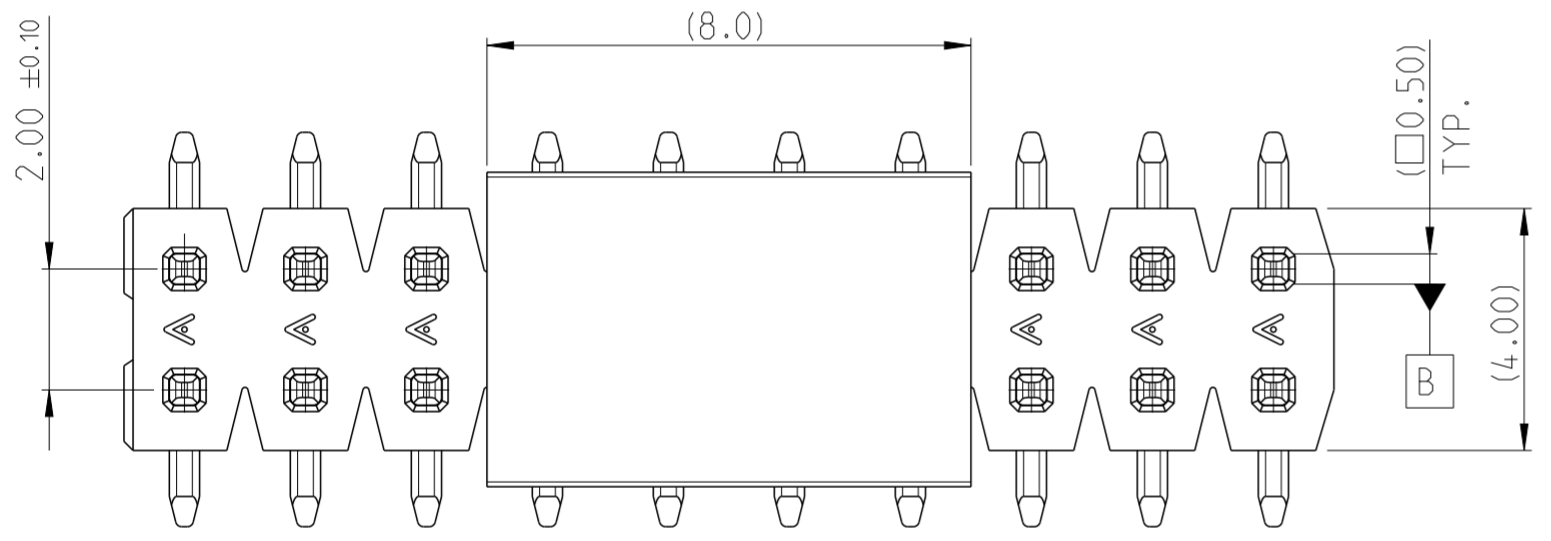
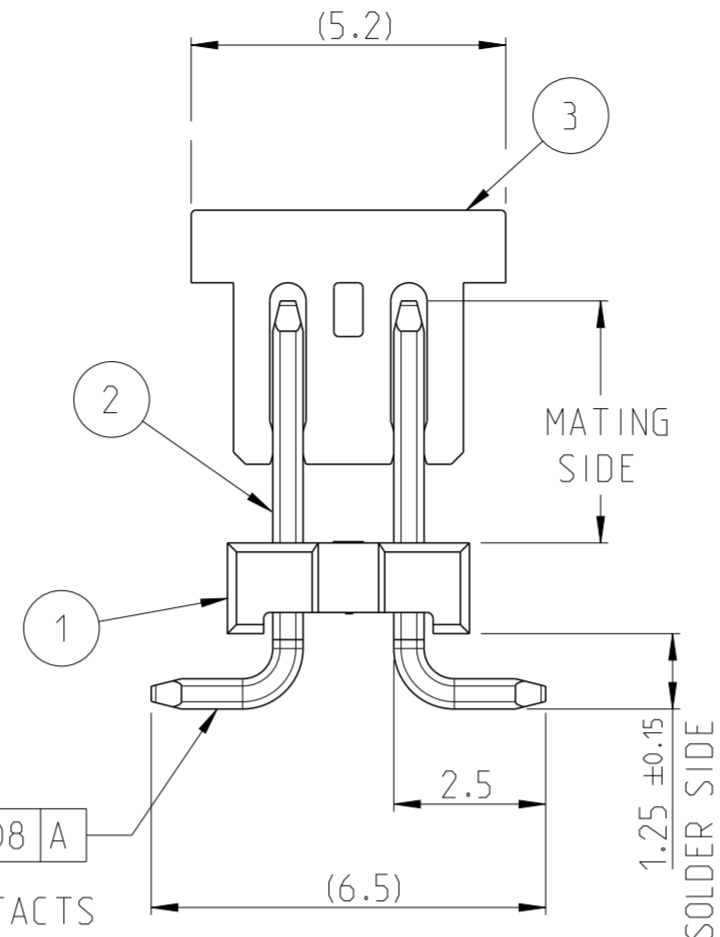
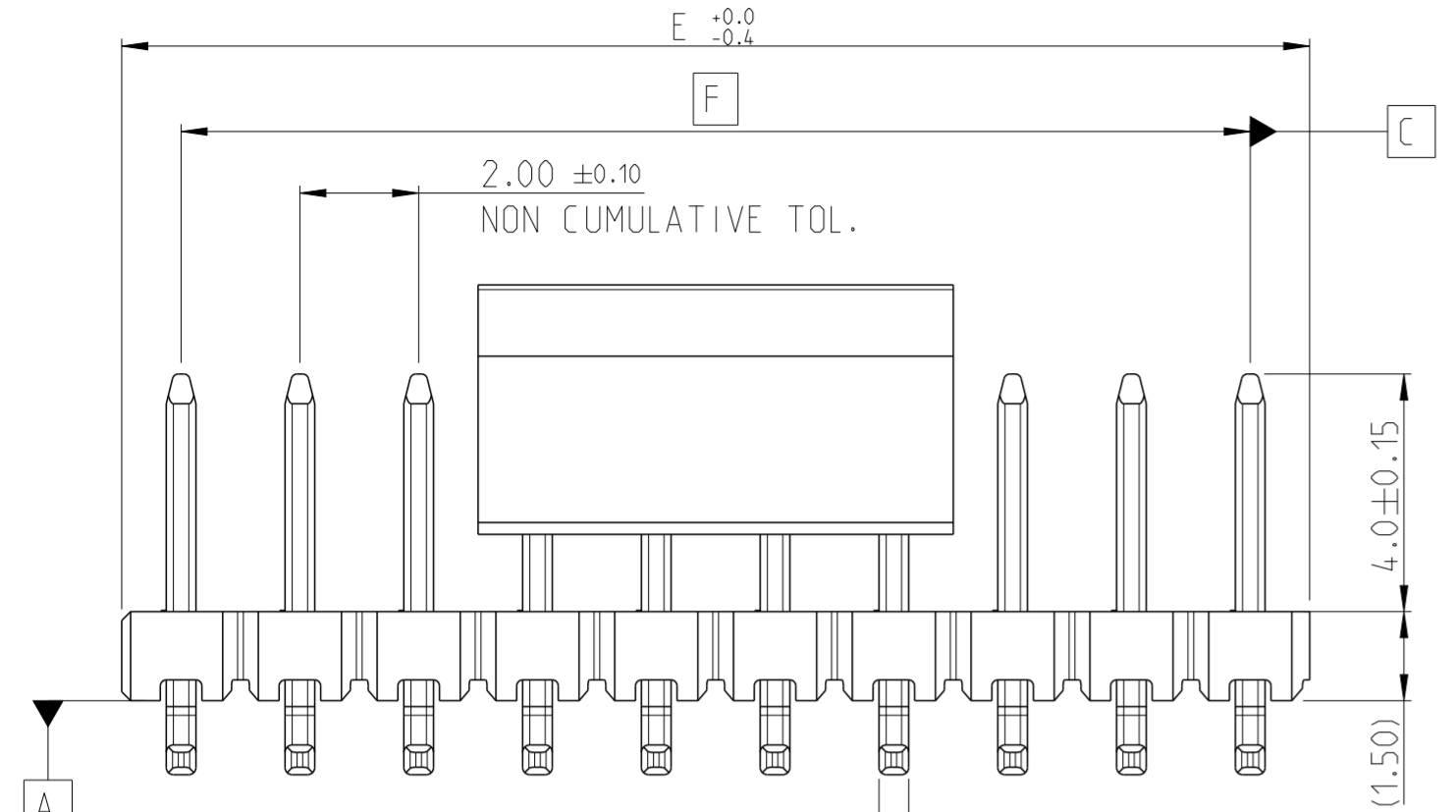
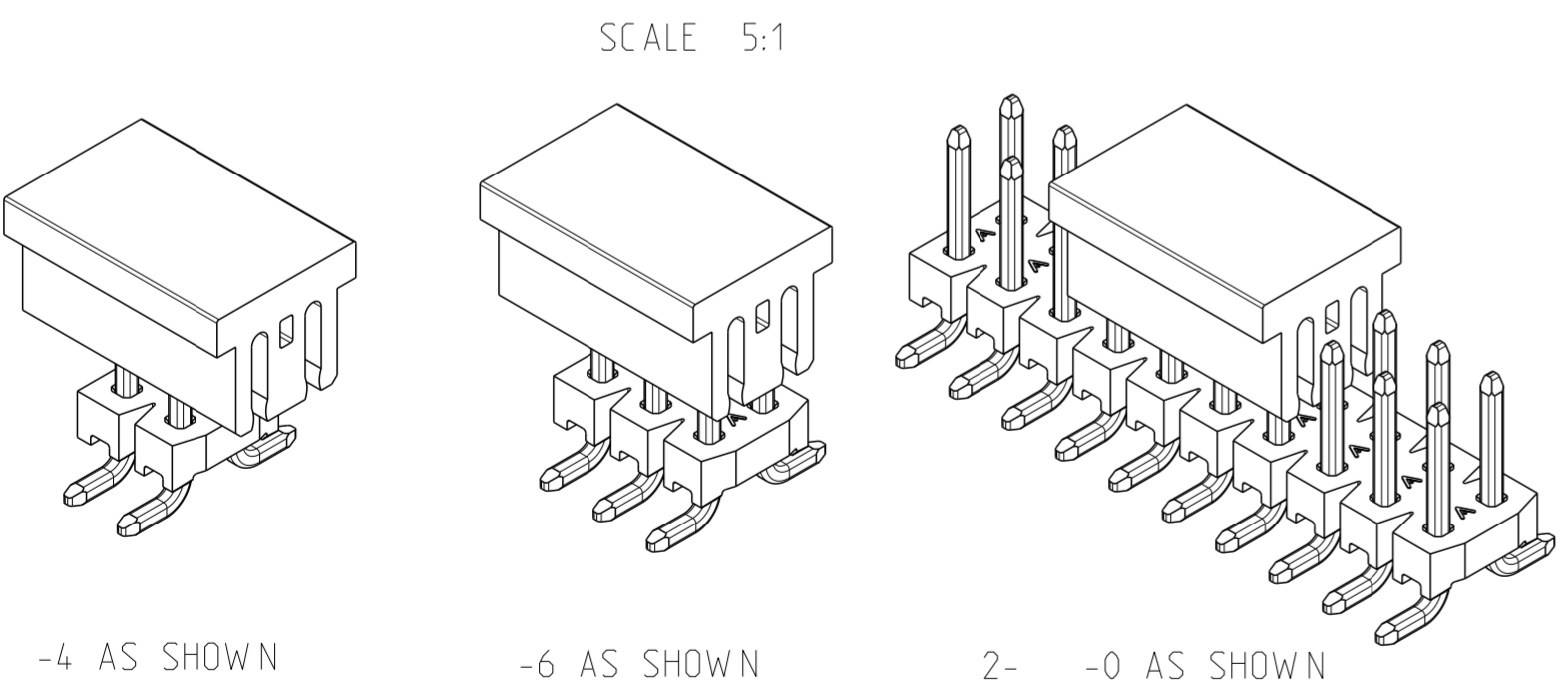
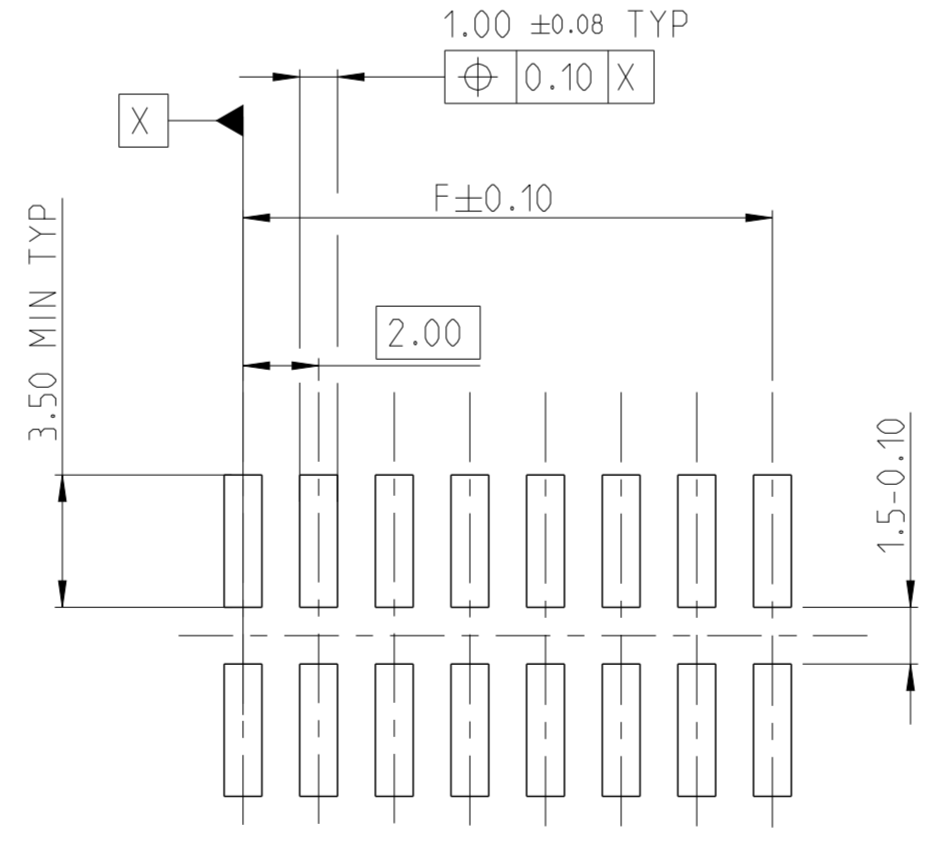


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REVISIONS				
P	LTR	DESCRIPTION	DATE	APVD
2		UPDATED HOUSING DESIGN	02NOV2016	RP PS
3		NOTE 8, 9 AND 10 ADDED	07JUN2021	DK PS
4		HOUSING CAVITY CORNER CHAMFER ADDED SMART PART NUMBER NOMENCLATURE ADDED NOTE 9 DELETED	07OCT2021	DK PS
5		PIN TP CHANGE : SOLDER SIDE 0.25 & DATUM REF CHANGE MATING LENGTH TOLERANCE UPDATE	26JUN2022	DK PS



DESCRIPTION	ITEM NO.
CAP	3
POST	2
HOUSING	1



- NOTES:
- MATERIAL
HOUSING & CAP : HIGH TEMPERATURE THERMOPLASTIC, UL94-V0; COLOR- BLACK
POST : PHOSPHOR BRONZE
 - FINISH :
 - 3 - 5µm TIN OVER MIN 1.27µm NICKEL UNDER PLATING
 - MATING SIDE: MIN. 0.1µm GOLD OVER MIN 1.27µm NICKEL UNDER PLATING
SOLDER SIDE: 4 - 6µm TIN OVER MIN 1.27µm NICKEL UNDER PLATING
 - MATING SIDE: MIN 0.38µm GOLD OVER MIN 1.27µm NICKEL UNDER PLATING
SOLDER SIDE: 4 - 6µm TIN OVER MIN 1.27µm NICKEL UNDER PLATING
 - MATING SIDE: MIN 0.76µm GOLD OVER MIN 1.27µm NICKEL UNDER PLATING
SOLDER SIDE: 4 - 6µm TIN OVER MIN 1.27µm NICKEL UNDER PLATING
 - FOR SMART PART NUMBER, NO. OF POSITIONS PER CONNECTOR HAS TO BE ADDED NEXT TO NO. OF ROWS (2MM-HB-D__-VS-00-__-__). REFER SHEET 3 NOMENCLATURE.
FOR EXAMPLE: 2MM-HB-D04-VS-00-T-TBP = 8 POSITION.
2MM-HB-D25-VS-00-T-TBP = 50 POSITION.

- PACKAGING: A. TAPE & REEL WITH (W/) CAP.
B. TUBE WITH (W/) CAP.
- FOR TUBE PACKAGING W/CAP:
NO PICK AND PLACE CAP FOR -4 AND -6 POS. HEADER POSITION STARTS FROM -8 POS.
- COPLANARITY VARIES WITH CONNECTOR POSITION
4-20 POS: 0.08mm
22-40 POS: 0.10mm
42-50 POS: 0.15mm

RECOMMENDED PCB PATTERN

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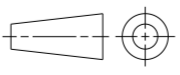
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN 11FEB2016 RAKSHITH NAYAK	TE Connectivity	
DIMENSIONS: mm		CHK 14APR2016 KARTHIK		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD 14APR2016 PRASHANTH	NAME AMPMODU 2mm, BREAKAWAY HEADER DUAL ROW, VERTICAL, SMD	
0 PLC ±		PRODUCT SPEC	108-64040	
1 PLC ±0.1		APPLICATION SPEC	114-64040	
2 PLC ±0.05		WEIGHT	A2 100779 C=2823142	
3 PLC ±		CUSTOMER DRAWING	SCALE 8:1 SHEET 1 OF 3 REV 5	
4 PLC ±				
ANGLES ±2°				
FINISH				
SEE NOTES				

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

48	50	50
46	48	48
44	46	46
42	44	44
40	42	42
38	40	40
36	38	38
34	36	36
32	34	34
30	32	32
28	30	30
26	28	28
24	26	26
22	24	24
20	22	22
18	20	20
16	18	18
14	16	16
12	14	14
10	12	12
8	10	10
6	8	8
4	6	6
2	4	4
DIM "F"	DIM "E"	POSITION PER CONNECTOR

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THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN 11 FEB 2016 RAKSHITH NAYAK	 TE Connectivity		
		CHK 14 APR 2016 KARTHIK			
DIMENSIONS: mm		APVD 14 APR 2016 PRASHANTH	NAME AMPMODU 2mm, BREAKAWAY HEADER DUAL ROW, VERTICAL, SMD		
		PRODUCT SPEC 108-64040	RESTRICTED TO -		
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 1 PLC ±0.1 2 PLC ±0.05 3 PLC ± 4 PLC ±		APPLICATION SPEC 114-64040	SIZE A2	CAGE CODE 100779	DRAWING NO C-2823142
MATERIAL SEE NOTES		FINISH SEE NOTES	SCALE 8:1 SHEET 2 OF 3 REV 5		
		WEIGHT	CUSTOMER DRAWING		

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

SMART PART NUMBER
 2MM - HB - D ___ - VS - 00 - ___ - ___

PRODUCT SERIES

2MM AMPMODU 2mm series

GENDER / TYPE

HB Breakaway headers

NUMBER OF ROWS

D Double row

NUMBER OF PINS PER ROW

XX 02 through 25
(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 Gold (Gold flash)
M	0.38µm Gold
H	0.76µm Gold


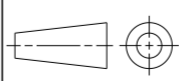
TAIL LENGTH

00 N/A for surface mount

SMART PN EXAMPLES :

1. AMPMODU 2MM, BREAKAWAY HEADER, DOUBLE ROW, 04 POSITION PER ROW, SURFACE MOUNT, TAIL LENGTH NOT APPLICABLE, TIN PLATING, TUBE WITH CAP
2MM-HB-D04-VS-00-T-TBP
2. AMPMODU 2MM, BREAKAWAY HEADER, DOUBLE ROW, 25 POSITION PER ROW, SURFACE MOUNT, TAIL LENGTH NOT APPLICABLE, 0.76µm GOLD PLATING, TAPE AND REEL WITH CAP
2MM-HB-D25-VS-00-H-TRP

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DIMENSIONS: mm		CHK 14 APR 2016 KARTHIK		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD 14 APR 2016 PRASHANTH	NAME AMPMODU 2mm, BREAKAWAY HEADER DUAL ROW, VERTICAL, SMD	
		PRODUCT SPEC 108-64040	RESTRICTED TO -	
MATERIAL SEE NOTES		APPLICATION SPEC 114-64040	SIZE A2	CAGE CODE 00779
FINISH SEE NOTES		WEIGHT	DRAWING NO C-2823142	SCALE 1:1
		CUSTOMER DRAWING	SHEET 3 OF 3	REV 5