

P	LTR	DESCRIPTION	DATE	DWN	APVD
	A1	RELEASE GOLD PLATED VERSIONS TO PRODUCTION	04SEP2019	AY	PS
	A2	RELEASE TIN PLATED VERSIONS TO PRODUCTION	14APR2020	AY	PS
	A3	SMART PN DETAILS ADDED	19APR2022	SCB	PS
	A4	PACKAGING DETAILS ADDED	25MAR2025	KA	SRK

MATERIAL:
HOUSING & CAP: LCP, UL94 V0, BLACK
CONTACT: PHOSPHOR BRONZE, 0.20mm THICK.

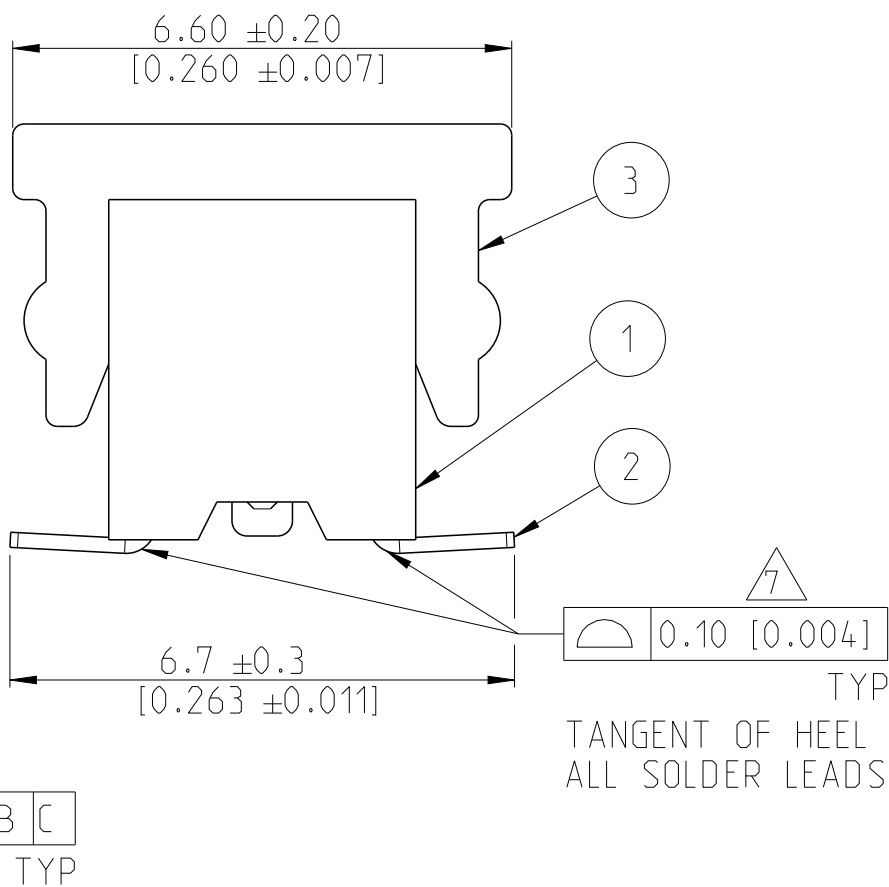
CONTACT AREA: MIN 0.1 μ m GOLD
SOLDER TAIL: 3-5 μ m TIN
UNDERPLATING: MIN 1.27 μ m NICKEL ALL OVER

CONTACT AREA: MIN 0.38 μ m GOLD
SOLDER TAIL: 3-5 μ m TIN
UNDERPLATING: MIN 1.27 μ m NICKEL ALL OVER

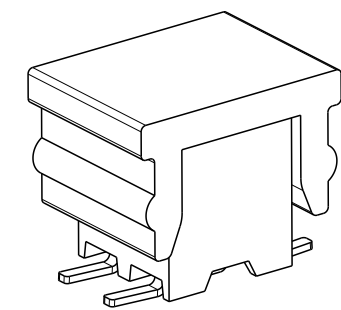
CONTACT AREA: MIN 0.76 μ m GOLD
SOLDER TAIL: 3-5 μ m TIN
UNDERPLATING: MIN 1.27 μ m NICKEL ALL OVER

"N"	FG P/N	CO-PLANARITY
4 TO 20	D02 TO D10	0.08
22 TO 40	D11 TO D20	0.10
42 TO 50	D21 TO D25	0.15

8 PACKAGING DRAWING IS ADDED IN SHEET4 & SHEET5



P&P CAP	3
CONTACT	2
HOUSING	1
DESCRIPTION	ITEM

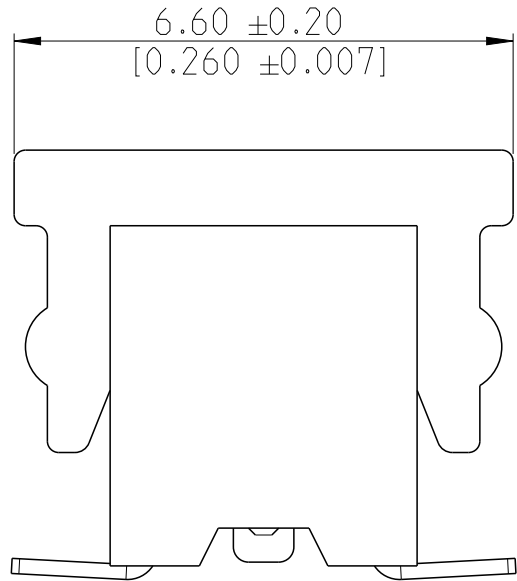


5:1

2MM-R-D14-VS-00-T-TRP

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN 23NOV2017 SOURAV DAS CHK 02NOV2018 SHARATH S APVD 02NOV2018 PRASHANTH S		 TE Connectivity			
DIMENSIONS: mm [inch]		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME AMPMODU 2mm BtB RECEPTACLE, DUAL ROW, VERTICAL, SMD -			
		0 PLC ± 1 PLC ±0.2 2 PLC ±0.1 [0.008] 3 PLC ± [0.004] 4 PLC ± ANGLES ±2° FINISH					
MATERIAL SEE NOTES -		SEE NOTES -		PRODUCT SPEC 108-64040 APPLICATION SPEC 114-32186		SIZE A2	
		WEIGHT -		CAGE CODE 00779		DRAWING NO C=2307816	
		CUSTOMER DRAWING		SCALE 10:1		SHEET 1 OF 5	
						REV A4	

MATING SIDE PLATING (FINISH)	BTB RECEPTACLE BASE NUMBERS	
	TAPE & REEL PKG W / CAP	TUBE PKG W / CAP
TIN 	2MM-R-D__-VS-00-T-TRP	2MM-R-D__-VS-00-T-TBP
GOLD FLASH 0.1 μm 	2MM-R-D__-VS-00-F-TRP	2MM-R-D__-VS-00-F-TBP
GOLD 0.38 μm 	2MM-R-D__-VS-00-M-TRP	2MM-R-D__-VS-00-M-TBP
GOLD 0.76 μm 	2MM-R-D__-VS-00-H-TRP	2MM-R-D__-VS-00-H-TBP



2MM-R-D03-VS-00-T-TRP

03NOV2017 DAS	 TE Connectivity				
02NOV2018 H S					
02NOV2018 NTH S	NAME AMPMODU 2mm BtB RECEPTACLE, DUAL ROW, VERTICAL, SMD -				
0404 C					
0404 SPEC	SIZE	CAGE CODE	DRAWING NO		RESTRICTED TO
2186	A2	00779	©=2307816		-
-	DRAWING		SCALE	10:1	SHEET 2 OF 5
					REV A4

1471-9 (3/13)

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REVISIONS

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

SMART PART NUMBER

2MM - R - D__ - VS - 00 - _ - __

PRODUCT SERIES

2MM AMPMODU 2mm SERIES

GENDER / TYPE

R RECEPTACLE

NUMBER OF ROWS

D DOUBLE ROW

NUMBER OF PINS PER ROW

XX 02 THROUGH 25
(ENTER TWO DIGITS)

PACKAGING

TRP TAPE AND REELING WITH CAP

TBP TUBE WITH CAP

PLATING

T TIN

F GOLD FLASH

M 15 µm GOLD

H 30 µm GOLD

TAIL LENGTH

00 SURFACE MOUNT TECHNOLOGY

ORIENTATION & TERMINATION

VS VIRTICAL SURFACE MOUNT TECHNOLOGY

SMART PN EXAMPLES:

1. 2MM-R-D02-VS-00-T-TRP :
AMPMODU 2mm, RECEPTACLE, DOUBLE ROW , 02 POSITION PER ROW , VERTICAL SURFACE MOUNT TECHNOLOGY, TIN PLATED, TAPE AND REEL PACKAGING WITH CAP

2. 2MM-R-D25-VS-00-H-TBP :
AMPMODU 2mm, RECEPTACLE, DOUBLE ROW , 25 POSITION PER ROW , VERTICAL SURFACE MOUNT TECHNOLOGY, 30 µm GOLD PLATED, TUBE PACKAGING WITH CAP

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:

mm [inch]

MATERIAL
SEE NOTES
-

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ±
1 PLC ±0.2
2 PLC ±0.1 [0.008]
3 PLC ± [0.004]
4 PLC ±
ANGLES ±2°
FINISH
SEE NOTES
-

DWN 23NOV2017
SOURAV DAS
CHK 02NOV2018
SHARATH S
APVD 02NOV2018
PRASHANTH S
PRODUCT SPEC
108-64040
APPLICATION SPEC
114-32186
WEIGHT
-

CUSTOMER DRAWING

SCALE 10:1

SHEET 3 OF 5

REV A4

TE Connectivity

NAME

AMPMODU 2mm BtB RECEPTACLE,
DUAL ROW, VERTICAL, SMD

SIZE

A2

CAGE CODE

100779

DRAWING NO

2307816

RESTRICTED TO

-

1471-9 (3/13)

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

D

D

C

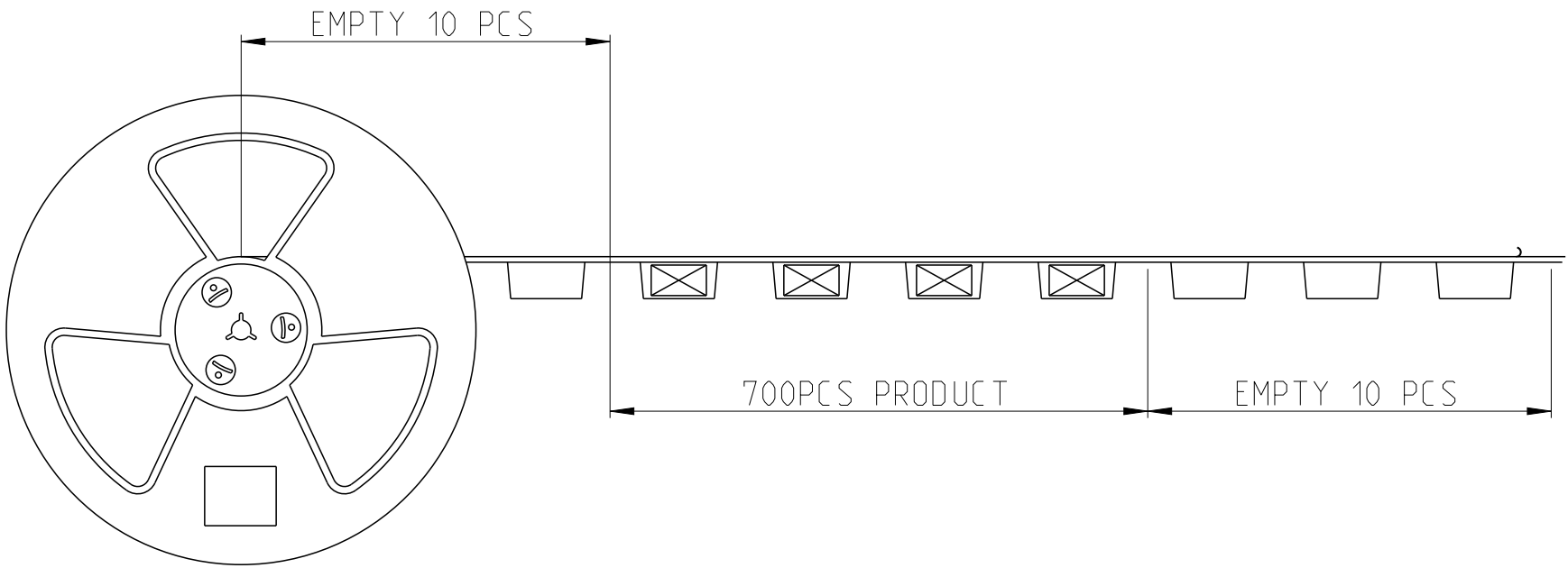
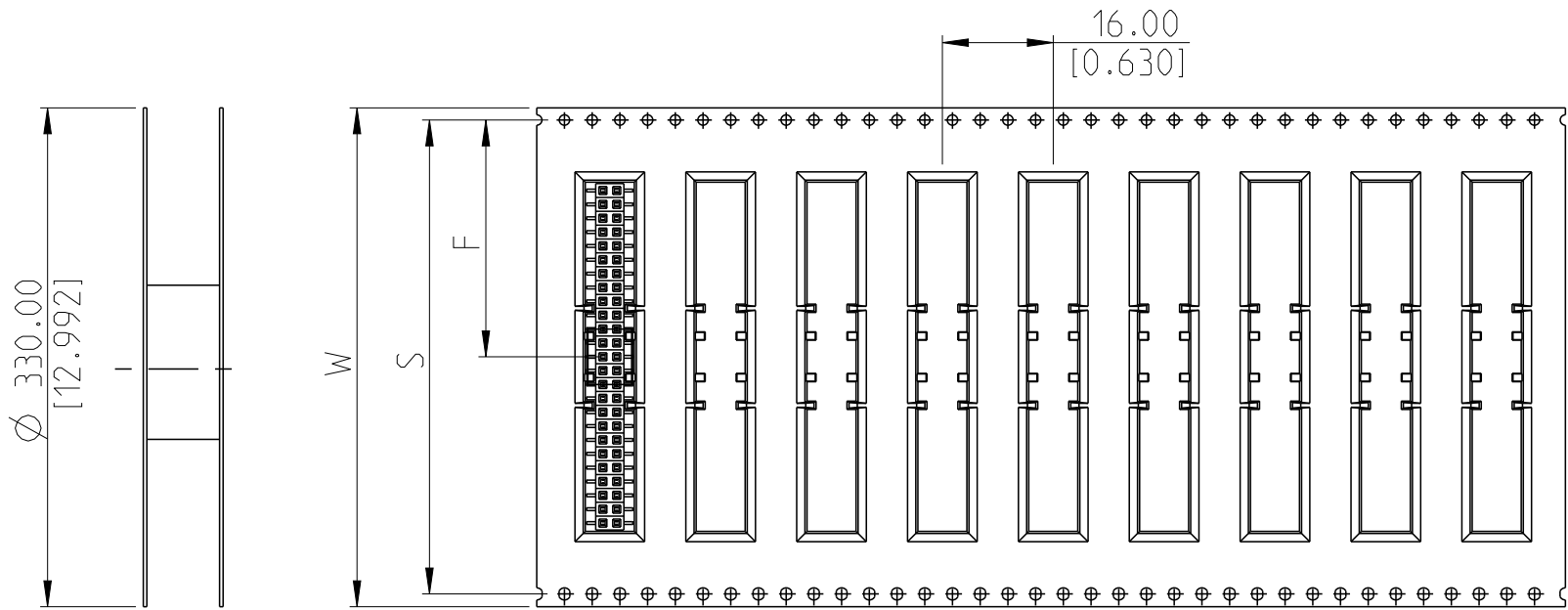
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B

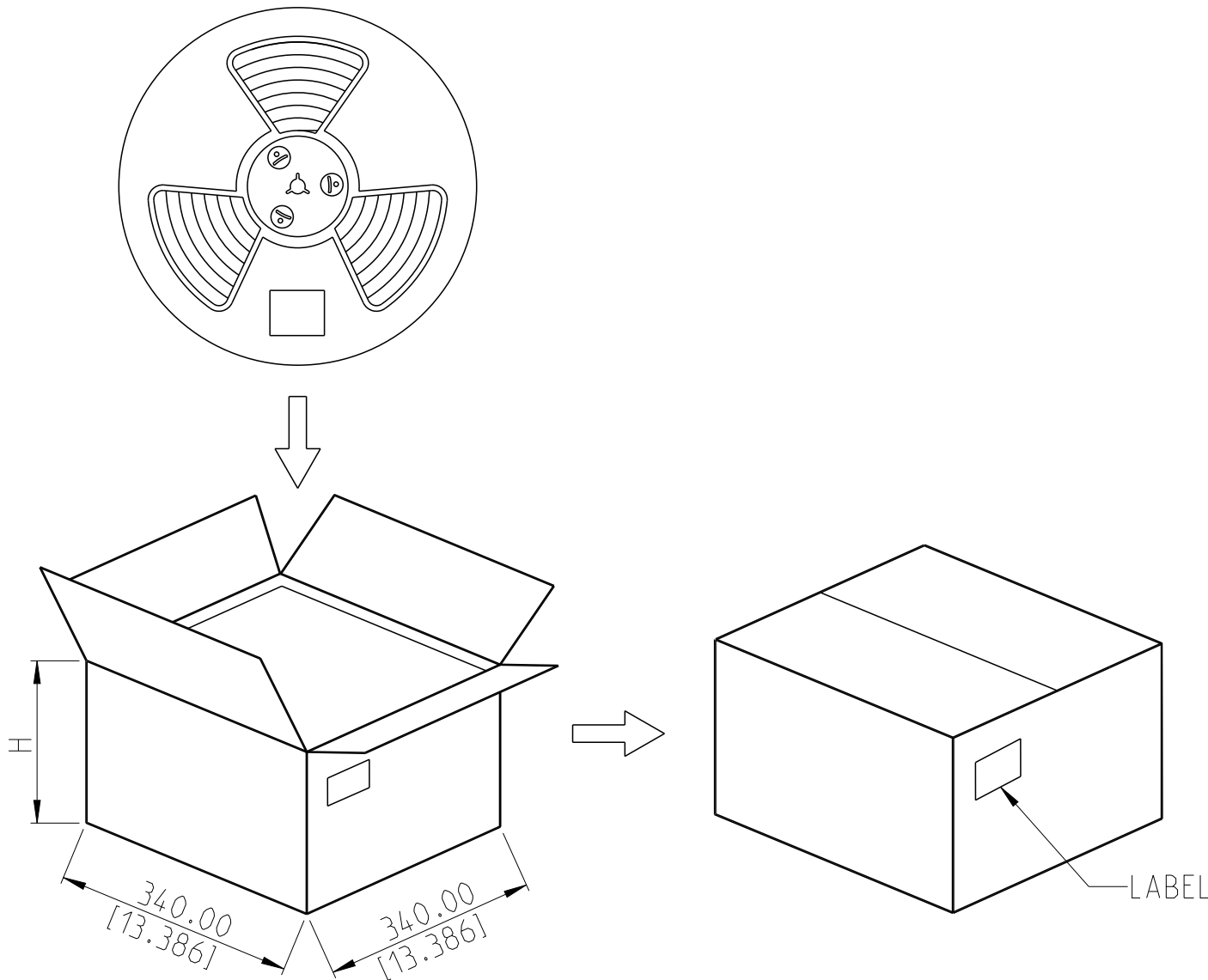
B

A

A

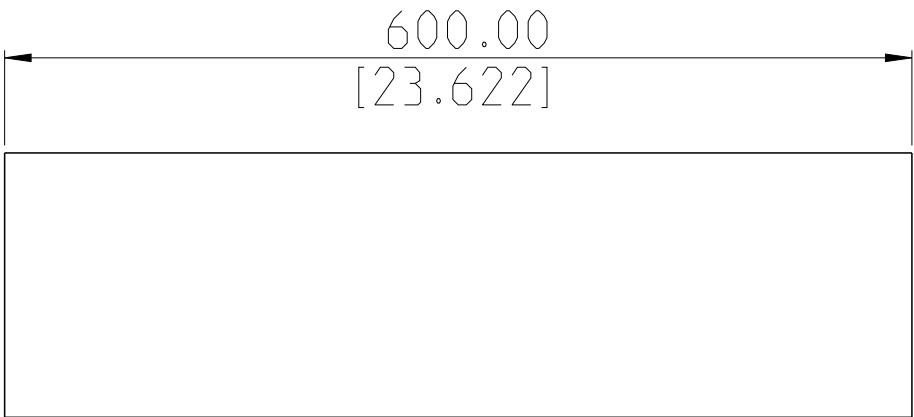
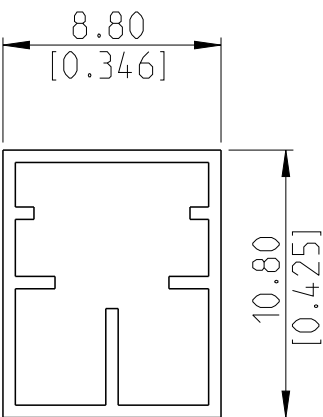
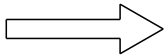
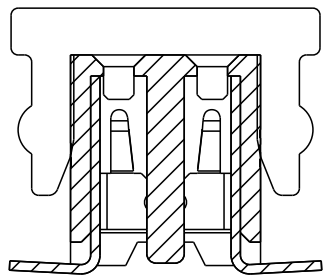
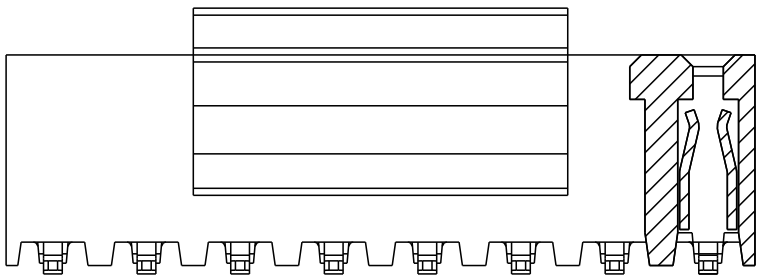


PIN	PCS/REEL	PCS/CARTON	W	S	F	H
4	700	2100	24 [0.944]		11.5 [0.452]	120 [4.724]
6						
8						
10						
12						
14						
16		2100	32 [1.259]	28.4 [1.118]	14.2 [0.559]	145 [5.708]
18						
20		2100	44 [1.732]	40.4 [1.590]	20.2 [0.795]	180 [7.086]
22						
24						
26						
28						
30						
32		2100	56 [2.204]	52.4 [2.062]	26.2 [1.031]	200 [7.874]
34						
36						
38						
40						
42						
44		2100	72 [2.834]	68.4 [2.692]	34.2 [1.346]	265 [10.433]
46						
48						
50						

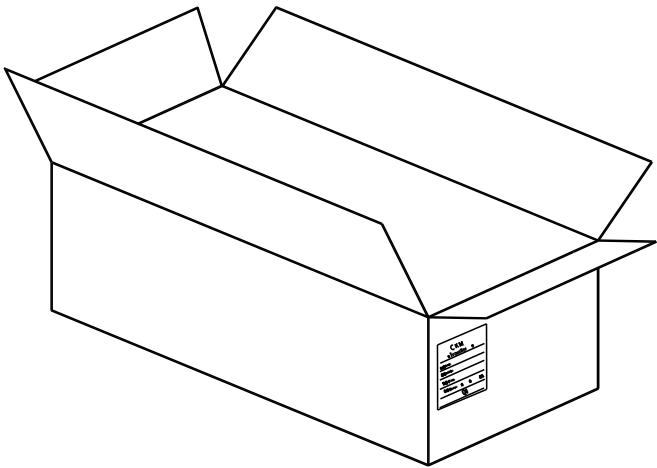


THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN SOURAV DAS 23NOV2017	TE Connectivity		
DIMENSIONS: mm [inch]		CHK SHARATH S 02NOV2018			
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD PRASHANTH S 02NOV2018	NAME AMPMODU 2mm BtB RECEPTACLE, DUAL ROW, VERTICAL, SMD		
0 PLC ±0.2 1 PLC ±0.2 2 PLC ±0.1 [0.008] 3 PLC ±0.1 [0.004] 4 PLC ±0.1 ANGLES ±2°		PRODUCT SPEC 108-64040			
MATERIAL SEE NOTES		APPLICATION SPEC 114-32186	SIZE A2	CAGE CODE 00779	DRAWING NO C=2307816
FINISH SEE NOTES		WEIGHT -	RESTRICTED TO -		
-		CUSTOMER DRAWING	SCALE NTS	SHEET 4	REV A4

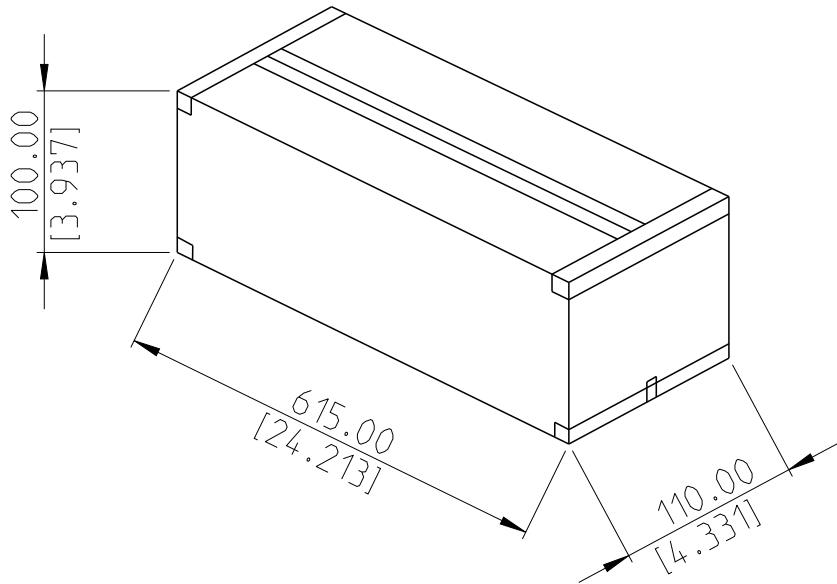
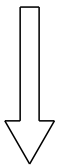
REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-



TUBE



CARTON



PRODUCT

NO.	PCS TUBE	PCS CARTON
4	110	5500
6	90	4500
8	65	3250
10	55	2750
12	45	2250
14	40	2000
16	35	1750
18	30	1500
20	28	1400
22	25	1250
24	23	1150
26	21	1050
28	19	950
30	18	900
32	16	800
34	15	750
36	14	700
38	14	700
40	13	650
42	12	600
44	12	600
46	11	550
48	11	550
50	11	550

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN 23NOV2017 SOURAV DAS		 TE Connectivity			
		CHK 02NOV2018 SHARATH S					
DIMENSIONS: mm [inch]		APVD 02NOV2018 PRASHANTH S		NAME AMPMODU 2mm BtB RECEPTACLE, DUAL ROW, VERTICAL, SMD -			
	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 1 PLC ±0.2 2 PLC ±0.1 [0.008] 3 PLC ± [0.004] 4 PLC ± ANGLES ±2°		PRODUCT SPEC 108-64040				
			APPLICATION SPEC 114-32186				
			WEIGHT -				
			CUSTOMER DRAWING				
			MATERIAL SEE NOTES -		SEE NOTES -		SIZE A2
				SCALE NTS	SHEET 5 OF 5	REV A4	