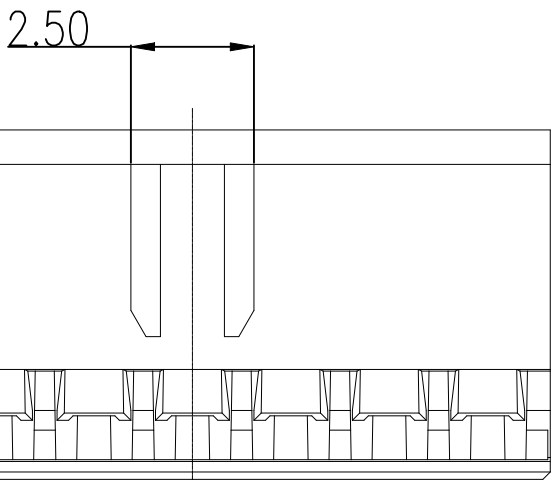
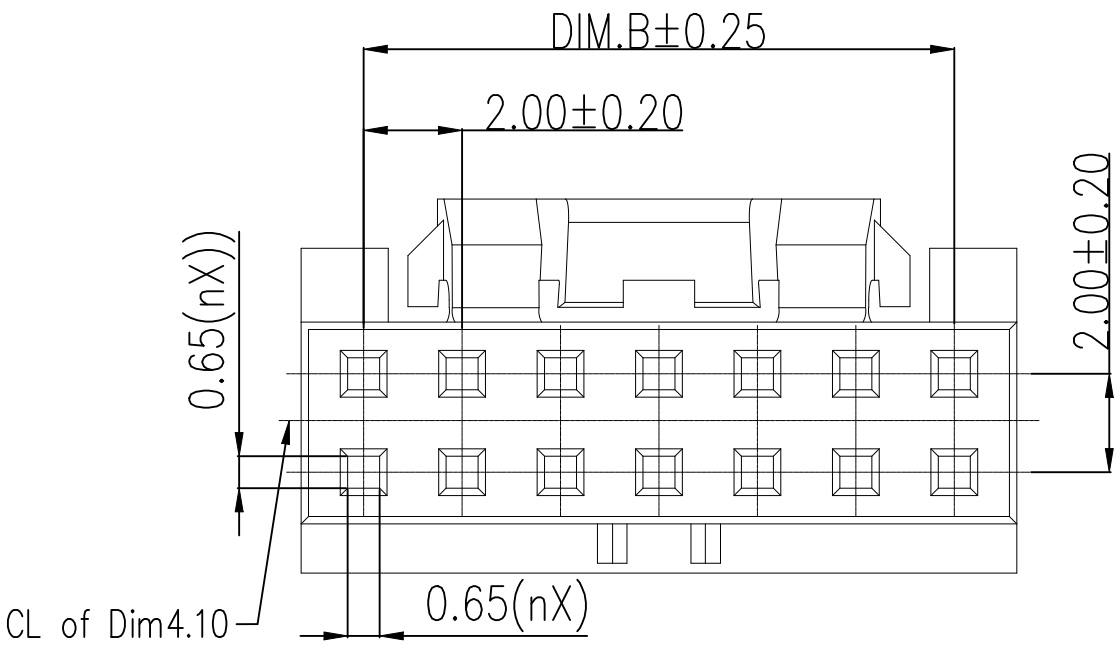
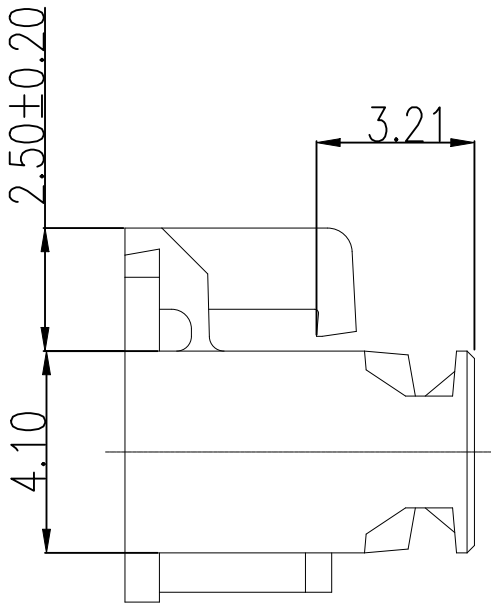
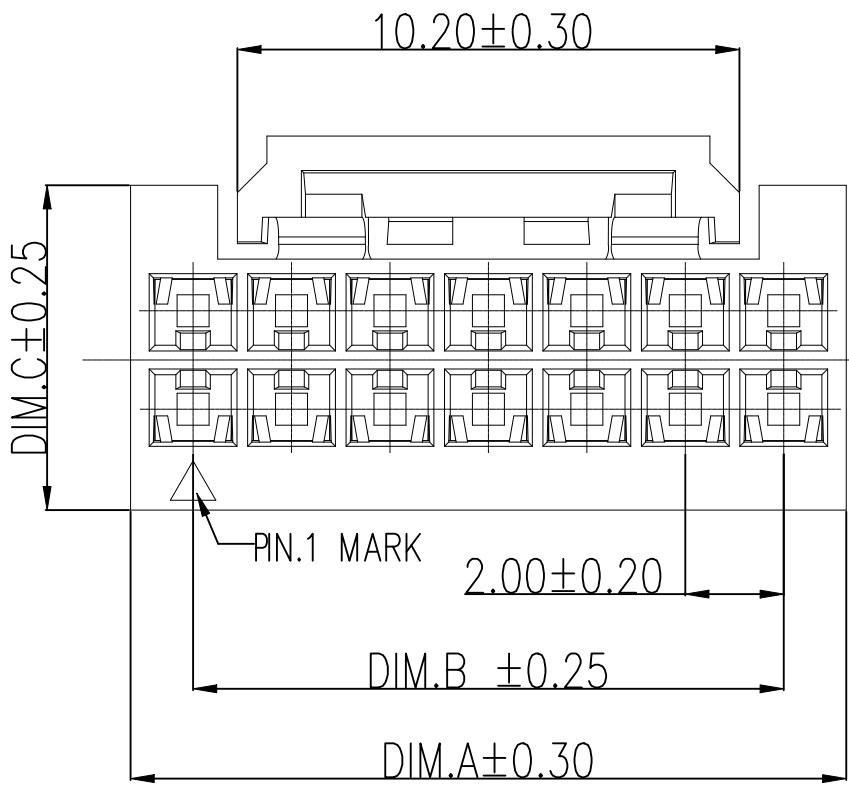
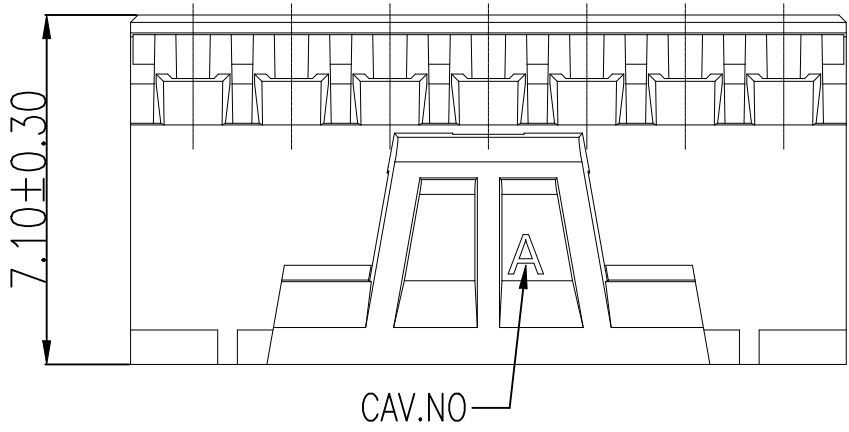


REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	A	Production Release	17JUN2026	M.S	J.M

- NOTES:
- 1

2
- 1) Material: PA66,G.F,UL94V-0, Color – Natural & Black
 - 2) Insulation Resistance: 1000 MΩ Min
 - 3) Dielectric Withstand Voltage: 200V AC
 - 4) Operation Temperature : -40°C to +105°C
 - 5) Requires Terminal PN: 2539105-X or X-2539105-X



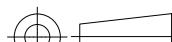
TE Marketing PN

2MM-HPI-HSG-2R-XX-XX-XX-X-X-BLK

PRODUCT PITCH 2MM Pitch of the connector	PACKAGING METHOD TRP Tape & Reel Packaging BLK Bulk Packaging
PRODUCT SERIES HPI High Performance Interconnect Series	MATERIAL COLOUR N Natural B Black
PRODUCT TYPE HDR PIN Header HSG SOCKET Housing	CONTACT AREA PLATING X NA for Socket Housing
NUMBER OF ROWS 2R DUAL ROW	SOLDER TAIL LENGTH XX NA for Socket Housing
NUMBER OF PINS PER ROW ## 03 thru 25 (enter two digits)	ORIENTATION & TERMINATION XX NA for Socket Housing

See sheet 2 for internal TCPN and dimension details

Drawing for 2MM-HPI-HSG-2R-xx-XX-XX-X-x-BLK

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN Madhan S 04MAR2026		TE Connectivity				
DIMENSIONS: mm [INCHES]		CHK Madhan S 05MAR2026						
	TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD Jagruiti M 05MAR2026	NAME 2MM 2R WTB HPI HOUSING RECEPTACLE Color: NATURAL & BLACK —				
	0 PLC ± — 1 PLC ± 0.35 2 PLC ± 0.30 3 PLC ± 0.15 4 PLC ± — ANGLES ± 2°		PRODUCT SPEC —					
	MATERIAL —		APPLICATION SPEC —		SIZE A2	CAGE CODE 00779	DRAWING NO C=2539104	RESTRICTED TO —
	FINISH —		WEIGHT 0					
CUSTOMER DRAWING				SCALE 1:1		SHEET 1 of 4	REV A	

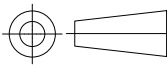
1 MATERIAL: NATURAL		2 MATERIAL: BLACK		POS	DIM A	DIM B	DIM C
TE MARKETING PN	INTERNAL TCPN	TE MARKETING PN	INTERNAL TCPN				
2MM-HPI-HSG-2R-03-XX-XX-X-N-BLK	2539104-3	2MM-HPI-HSG-2R-03-XX-XX-X-B-BLK	3-2539104-3	6P(2x3P)	6.54	4.00	5.10
2MM-HPI-HSG-2R-04-XX-XX-X-N-BLK	2539104-4	2MM-HPI-HSG-2R-04-XX-XX-X-B-BLK	3-2539104-4	8P(2x4P)	8.54	6.00	
2MM-HPI-HSG-2R-05-XX-XX-X-N-BLK	2539104-5	2MM-HPI-HSG-2R-05-XX-XX-X-B-BLK	3-2539104-5	10P(2x5P)	10.54	8.00	
2MM-HPI-HSG-2R-06-XX-XX-X-N-BLK	2539104-6	2MM-HPI-HSG-2R-06-XX-XX-X-B-BLK	3-2539104-6	12P(2x6P)	12.54	10.00	
2MM-HPI-HSG-2R-07-XX-XX-X-N-BLK	2539104-7	2MM-HPI-HSG-2R-07-XX-XX-X-B-BLK	3-2539104-7	14P(2x7P)	14.54	12.00	6.60
2MM-HPI-HSG-2R-08-XX-XX-X-N-BLK	2539104-8	2MM-HPI-HSG-2R-08-XX-XX-X-B-BLK	3-2539104-8	16P(2x8P)	16.54	14.00	
2MM-HPI-HSG-2R-09-XX-XX-X-N-BLK	2539104-9	2MM-HPI-HSG-2R-09-XX-XX-X-B-BLK	3-2539104-9	18P(2x9P)	18.54	16.00	
2MM-HPI-HSG-2R-10-XX-XX-X-N-BLK	1-2539104-0	2MM-HPI-HSG-2R-10-XX-XX-X-B-BLK	4-2539104-0	20P(2x10P)	20.54	18.00	
2MM-HPI-HSG-2R-11-XX-XX-X-N-BLK	1-2539104-1	2MM-HPI-HSG-2R-11-XX-XX-X-B-BLK	4-2539104-1	22P(2x11P)	22.54	20.00	
2MM-HPI-HSG-2R-12-XX-XX-X-N-BLK	1-2539104-2	2MM-HPI-HSG-2R-12-XX-XX-X-B-BLK	4-2539104-2	24P(2x12P)	24.54	22.00	
2MM-HPI-HSG-2R-13-XX-XX-X-N-BLK	1-2539104-3	2MM-HPI-HSG-2R-13-XX-XX-X-B-BLK	4-2539104-3	26P(2x13P)	26.54	24.00	
2MM-HPI-HSG-2R-14-XX-XX-X-N-BLK	1-2539104-4	2MM-HPI-HSG-2R-14-XX-XX-X-B-BLK	4-2539104-4	28P(2x14P)	28.54	26.00	
2MM-HPI-HSG-2R-15-XX-XX-X-N-BLK	1-2539104-5	2MM-HPI-HSG-2R-15-XX-XX-X-B-BLK	4-2539104-5	30P(2x15P)	30.54	28.00	
2MM-HPI-HSG-2R-16-XX-XX-X-N-BLK	1-2539104-6	2MM-HPI-HSG-2R-16-XX-XX-X-B-BLK	4-2539104-6	32P(2x16P)	32.54	30.00	
2MM-HPI-HSG-2R-17-XX-XX-X-N-BLK	1-2539104-7	2MM-HPI-HSG-2R-17-XX-XX-X-B-BLK	4-2539104-7	34P(2x17P)	34.54	32.00	
2MM-HPI-HSG-2R-18-XX-XX-X-N-BLK	1-2539104-8	2MM-HPI-HSG-2R-18-XX-XX-X-B-BLK	4-2539104-8	36P(2x18P)	36.54	34.00	
2MM-HPI-HSG-2R-19-XX-XX-X-N-BLK	1-2539104-9	2MM-HPI-HSG-2R-19-XX-XX-X-B-BLK	4-2539104-9	38P(2x19P)	38.54	36.00	
2MM-HPI-HSG-2R-20-XX-XX-X-N-BLK	2-2539104-0	2MM-HPI-HSG-2R-20-XX-XX-X-B-BLK	5-2539104-0	40P(2x20P)	40.54	38.00	
2MM-HPI-HSG-2R-21-XX-XX-X-N-BLK	2-2539104-1	2MM-HPI-HSG-2R-21-XX-XX-X-B-BLK	5-2539104-1	42P(2x21P)	42.54	40.00	
2MM-HPI-HSG-2R-22-XX-XX-X-N-BLK	2-2539104-2	2MM-HPI-HSG-2R-22-XX-XX-X-B-BLK	5-2539104-2	44P(2x22P)	44.54	42.00	
2MM-HPI-HSG-2R-23-XX-XX-X-N-BLK	2-2539104-3	2MM-HPI-HSG-2R-23-XX-XX-X-B-BLK	5-2539104-3	46P(2x23P)	46.54	44.00	
2MM-HPI-HSG-2R-24-XX-XX-X-N-BLK	2-2539104-4	2MM-HPI-HSG-2R-24-XX-XX-X-B-BLK	5-2539104-4	48P(2x24P)	48.54	46.00	
2MM-HPI-HSG-2R-25-XX-XX-X-N-BLK	2-2539104-5	2MM-HPI-HSG-2R-25-XX-XX-X-B-BLK	5-2539104-5	50P(2x25P)	50.54	48.00	

Mates with the PN's:

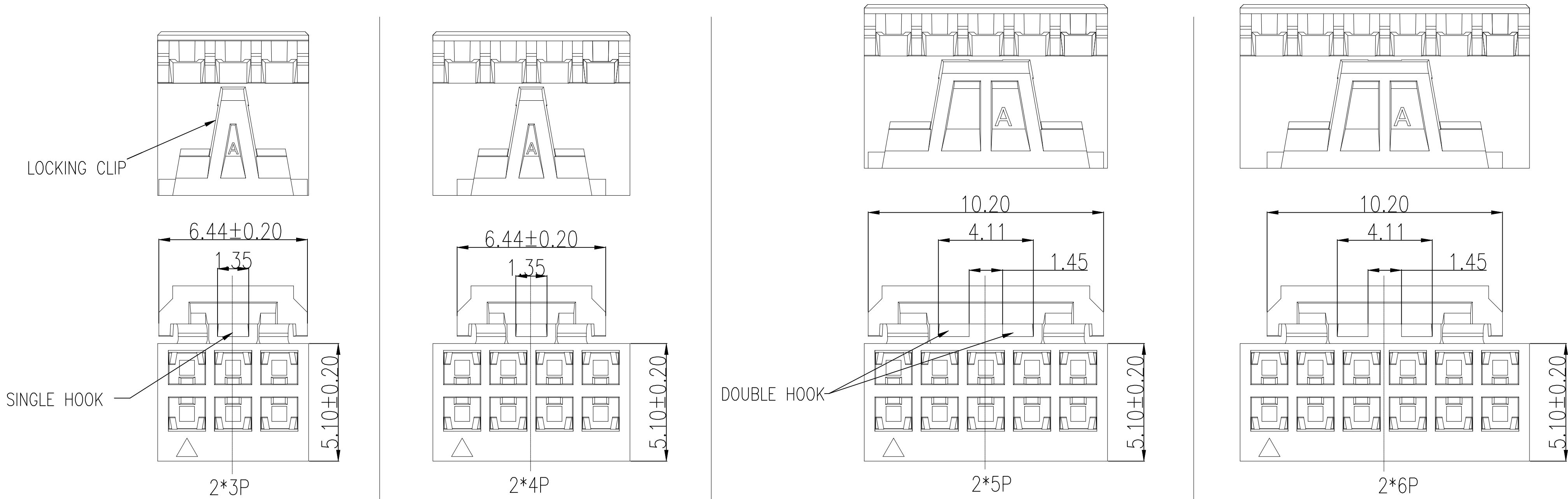
2MM-HPI-HDR-2R-XX-XX-XX-X-X-TRP

PRODUCT PITCH	2MM	Pitch of the connector	PACKAGING METHOD	TRP	Tape & Reel Packaging	BLK	Bulk Packaging
PRODUCT SERIES	HPI	High Performance Interconnect Series	MATERIAL COLOUR	N	Natural	B	Black
PRODUCT TYPE	HDR	PIN Header	CONTACT AREA PLATING	X	NA for Socket Housing	T	Matte Tin - 0.762µm Min[30µ" Min]
	HSG	SOCKET Housing		H	Gold - 0.762µm[30µ"]	M	Gold - 0.381µm[15µ"]
				F	Gold-Flash - 0.0254µm[1µ"]		
NUMBER OF ROWS	2R	DUAL ROW	SOLDER TAIL LENGTH	XX	NA for Socket Housing	00	For Surface Mount
				01	2.00mm[0.079"]	02	2.50mm[0.098"]
NUMBER OF PINS PER ROW	##	03 thru 25 (enter two digits)		03	3.10mm[0.122"]	04	3.70mm[0.146"]
ORIENTATION & TERMINATION	XX	NA for Socket Housing					
	VT	Vertical Through hole					
	VS	Vertical Surface mount					

TE Internal PN's	
2508780-X	& X-2508780-X
2508874-X	& X-2508874-X
2508877-X	& X-2508877-X
2509875-X	& X-2509875-X
2539085-X	& X-2539085-X
2539086-X	& X-2539086-X
2539089-X	& X-2539089-X
2539091-X	& X-2539091-X
2539093-X	& X-2539093-X
2539095-X	& X-2539095-X
2539102-X	& X-2539102-X
2539103-X	& X-2539103-X

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN Madhan S	04MAR2026	TE Connectivity								
		CHK Madhan S	05MAR2026									
		APVD Jagruti M	05MAR2026									
		PRODUCT SPEC —										
DIMENSIONS: mm [INCHES]		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME 2MM 2R WTB HPI HOUSING RECEPTACLE Color: NATURAL & BLACK —								
		0 PLC ± — 1 PLC ± 0.35 2 PLC ± 0.30 3 PLC ± 0.15 4 PLC ± — ANGLES ± 2°										
		APPLICATION SPEC —		SIZE		CAGE CODE	DRAWING NO	RESTRICTED TO				
MATERIAL —		FINISH —		WEIGHT 0		A2 00779		C-2539104	—			
CUSTOMER DRAWING						SCALE		1:1	SHEET	2 of 4	REV	A

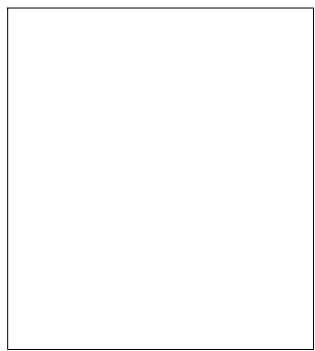
REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
—	—	SEE SHEET 1	—	—	—



*NOTE: 2*3P AND 2*4P HOUSINGS ARE SINGLE DETENT; 2*5P ~ 2*25P HOUSINGS ARE DOUBLE DETENT.
FOR THE LOCKING HOOK FEATURES OF 2*5P TO 2*25P HOUSINGS, PLEASE REFER TO THE 2*5P AND 2*6P ILLUSTRATIONS PROVIDED ABOVE.

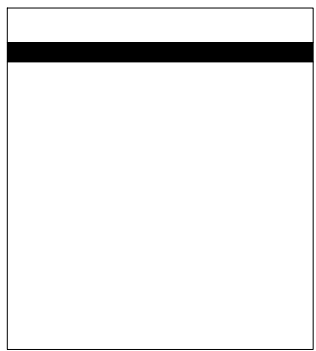
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	04MAR2026	TE Connectivity		
		CHK	05MAR2026			
DIMENSIONS: mm [INCHES]		APVD	05MAR2026	NAME 2MM 2R WTB HPI HOUSING RECEPTACLE Color: NATURAL & BLACK		
		PRODUCT SPEC	Jagruiti M			
		APPLICATION SPEC	—	SIZE	CAGE CODE	DRAWING NO
		WEIGHT	—	A2	00779	C=2539104
MATERIAL —		FINISH	—	RESTRICTED TO —		
CUSTOMER DRAWING				SCALE	SHEET	REV
				1:1	3 of 4	A

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



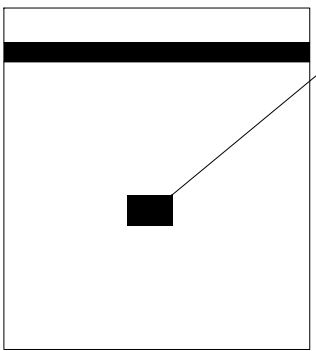
No.1

Put the products into PE bags,



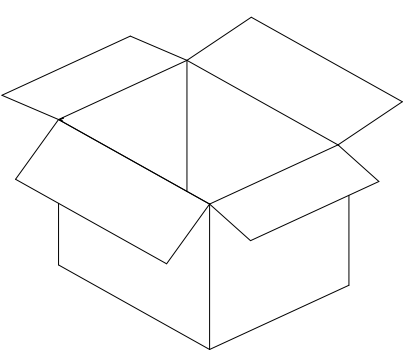
No.2

Then seal the PE bag



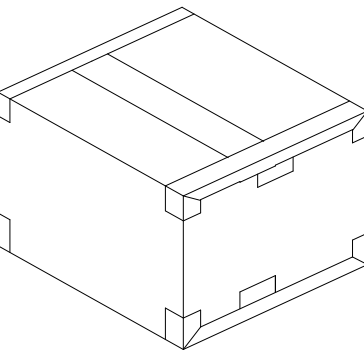
No.3

Stick the label in the middle of the PE bag



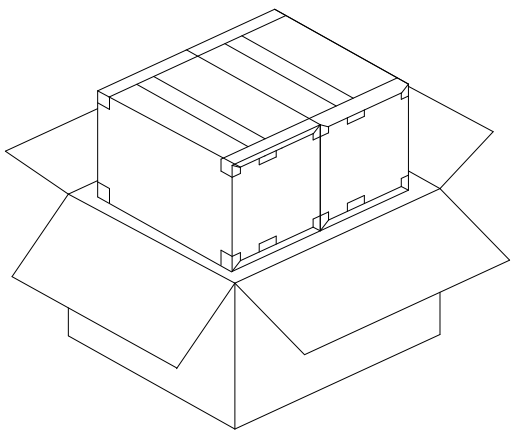
No.4

Put the PE bag into the inner box
Inside box size: CTN-23A(22*22*20cm)



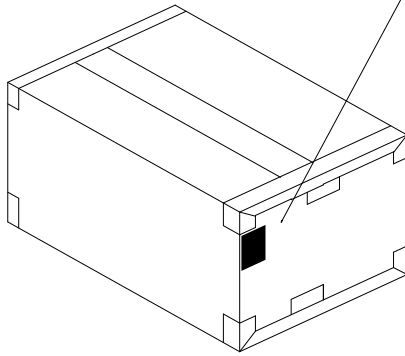
No.5

Sealing box



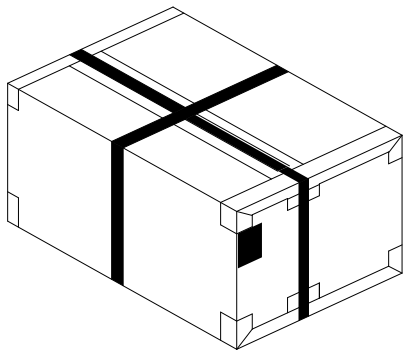
No.6

The inner box into the outer box,
(2 inner box/outer box);
Outer box size: CTN-06 (47.0*23.5*21.0cm)



No.7

Seal the box and stick the label
on the top left corner of the side
of the outer box



No.8

Packing belt

POS	PCS/BAG	PCS/INNER BOX	PCS/OUTER BOX
6P(2x3P)	1000	10000	20000
8P(2x4P)	1000	9000	18000
10P(2x5P)	800	8000	16000
12P(2x6P)	800	7200	14400
14P(2x7P)	800	5600	11200
16P(2x8P)	800	4800	9600
18P(2x9P)	500	4000	8000
20P(2x10P)	500	3500	7000
22P(2x11P)	500	3000	6000
24P(2x12P)	500	2500	5000
26P(2x13P)	400	2000	4000
28P(2x14P)	400	1600	3200
30P(2x15P)	400	1200	2400
32P(2x16P)	300	900	1800
34P(2x17P)	300	900	1800
36P(2x18P)	300	600	1200
38P(2x19P)	300	600	1200
40P(2x20P)	200	600	1200
42P(2x21P)	200	400	800
44P(2x22P)	200	400	800
46P(2x23P)	100	300	600
48P(2x24P)	100	200	400
50P(2x25P)	100	200	400

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	04MAR2026	TE Connectivity	
		CHK	05MAR2026		
DIMENSIONS: mm [INCHES]		APVD	05MAR2026	NAME	
		PRODUCT SPEC		2MM 2R WTB HPI HOUSING RECEPTACLE Color: NATURAL & BLACK	
		APPLICATION SPEC		—	
MATERIAL		WEIGHT	—	SIZE	RESTRICTED TO
FINISH		CUSTOMER DRAWING		A2 00779	—
				SCALE	REV
				1:1	A
				SHEET	
				4 OF 4	