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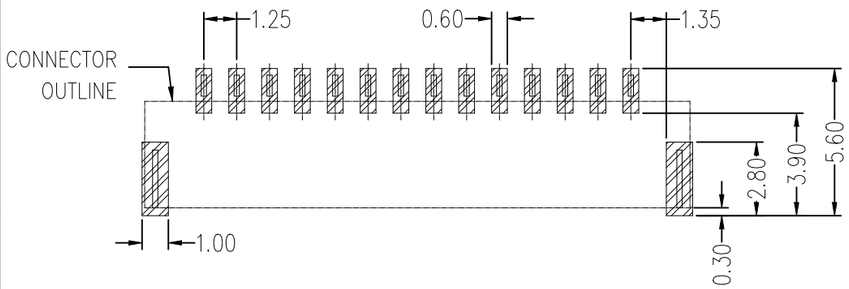
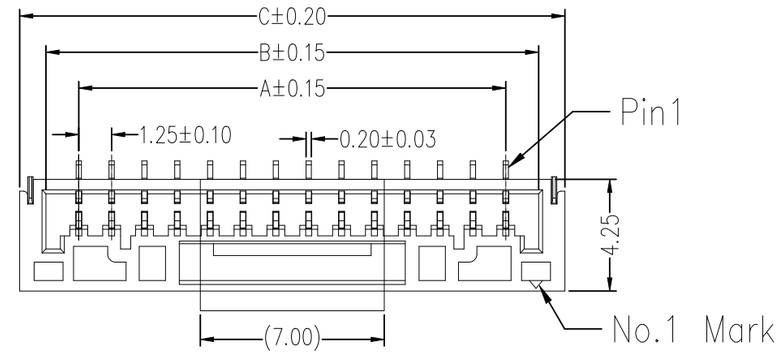
REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	B1	PLATING THICKNESS CORRECTION	25AUG2026	MK	MS

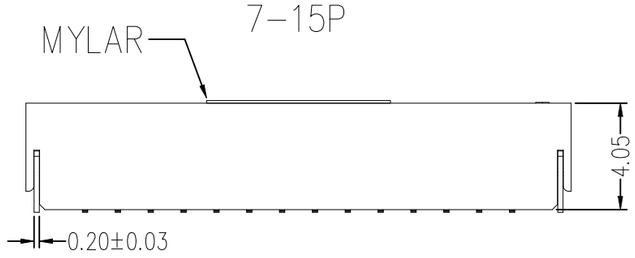


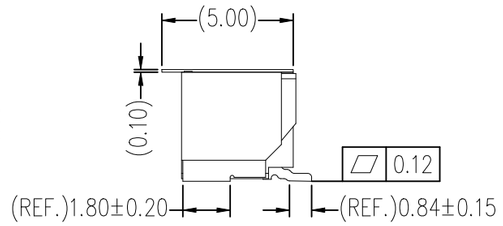
Recommended P.C.B Layout(Top Side)
(PCB BOARD TOLERANCE±0.05)

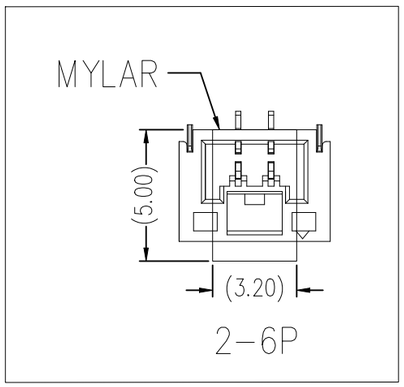
NOTES:
1. MATERIAL:
   1.1 HOUSING:PA9T GF (UL94V-0)
   1.2 CONTACT:COPPER ALLOY
   1.3 FITTING NAIL MATERIAL:COPPER ALLOY
2. FINISH:
   2.1 CONTACT: 50U" MIN. NICK EL UNDERPLATING OVERALL.
   80U" MATTE TIN PLATING ON CONTACT AND SOLDER AREA
   OR GOLD FLASH ON CONTACT AND SOLDER AREA
   2.2 FITTING NAIL: 50U" MIN. NICKEL UNDERPLATING OVERALL.
   80U" MIN. MATTE TIN PLATING
3. HARMFUL SUBSTANCES REQUIREMENT FOR ENVIRONMENT:
   MUST BE COMPLIANCE WITH ROHS



7-15P







2-6P

COLOR	PIN	GOLD FLASH	MATTE TIN	A	B	C
		PLATING SPEC				
		PART NUMBER		DIMENSIONS		
BLACK	15	**7-2390138-5**	5-2390138-5	**17.50**	**20.00**	**22.00**
	14	**7-2390138-4**	5-2390138-4	**16.25**	**18.75**	**20.75**
	13	**7-2390138-3**	5-2390138-3	**15.00**	**17.50**	**19.50**
	12	**7-2390138-2**	5-2390138-2	**13.75**	**16.25**	**18.25**
	11	**7-2390138-1**	5-2390138-1	**12.50**	**15.00**	**17.00**
	10	**7-2390138-0**	5-2390138-0	**11.25**	**13.75**	**15.75**
	09	**6-2390138-9**	4-2390138-9	**10.00**	**12.50**	**14.50**
	08	**6-2390138-8**	4-2390138-8	**8.75**	**11.25**	**13.25**
	07	**6-2390138-7**	4-2390138-7	**7.50**	**10.00**	**12.00**
	06	**6-2390138-6**	4-2390138-6	**6.25**	**8.75**	**10.75**
	05	**6-2390138-5**	4-2390138-5	**5.00**	**7.50**	**9.50**
	04	**6-2390138-4**	4-2390138-4	**3.75**	**6.25**	**8.25**
	03	**6-2390138-3**	4-2390138-3	**2.50**	**5.00**	**7.00**
	02	**6-2390138-2**	4-2390138-2	**1.25**	**3.75**	**5.75**
NATURAL	15	3-2390138-5	**1-2390138-5**	17.50	20.00	22.00
	14	3-2390138-4	**1-2390138-4**	16.25	18.75	20.75
	13	3-2390138-3	**1-2390138-3**	15.00	17.50	19.50
	12	3-2390138-2	**1-2390138-2**	13.75	16.25	18.25
	11	3-2390138-1	**1-2390138-1**	12.50	15.00	17.00
	10	3-2390138-0	**1-2390138-0**	11.25	13.75	15.75
	09	2-2390138-9	**2390138-9**	10.00	12.50	14.50
	08	2-2390138-8	**2390138-8**	8.75	11.25	13.25
	07	2-2390138-7	**2390138-7**	7.50	10.00	12.00
	06	2-2390138-6	**2390138-6**	6.25	8.75	10.75
	05	2-2390138-5	**2390138-5**	5.00	7.50	9.50
	04	2-2390138-4	**2390138-4**	3.75	6.25	8.25
	03	2-2390138-3	**2390138-3**	2.50	5.00	7.00
	02	2-2390138-2	**2390138-2**	1.25	3.75	5.75

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ± 0.5
1 PLC ± 0.25
2 PLC ± 0.15
3 PLC ± 0.1
4 PLC ± –
ANGLES ± 2°

MATERIAL: NOTE 1
FINISH: NOTE 2

DWN	Tommy Qian	12APR2021
CHK	Niki Shi	12APR2021
APVD	Niki Shi	12APR2021
PRODUCT SPEC	—	
APPLICATION SPEC	—	
WEIGHT	N/A	

CUSTOMER DRAWING

TE Connectivity Ltd.

NAME: 1.25mm PITCH WTB Conn. SMT V —

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A3	00779	C-2390138	—

SCALE N/A | SHEET 1 OF 3 | REV B1

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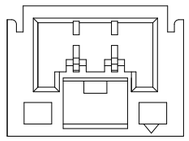
REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	–	SEE SHEET 1	–	—	—

STANDARD POLARIZATION FOR RECEPTACLES



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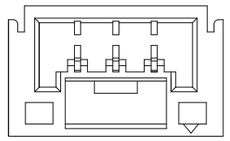

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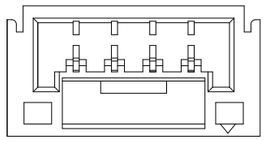

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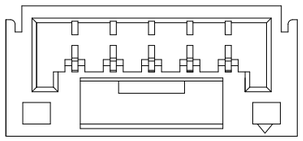

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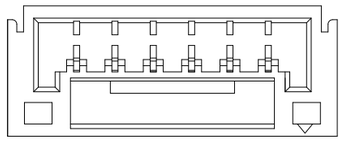

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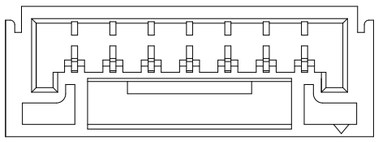

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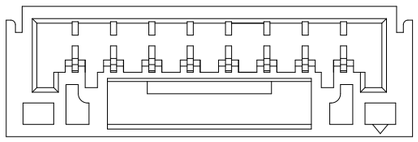

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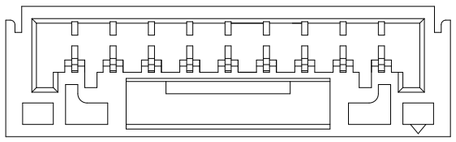

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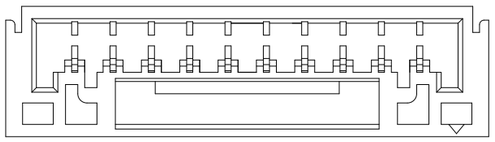

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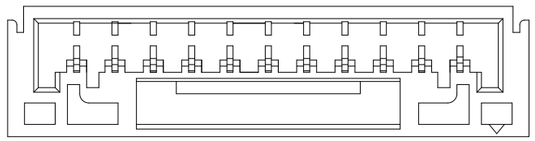

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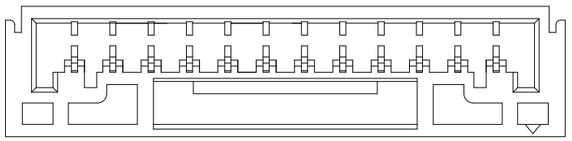

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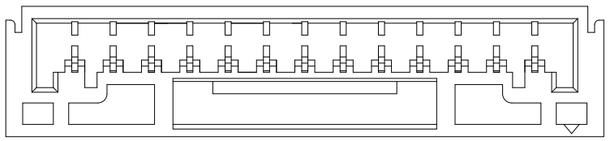

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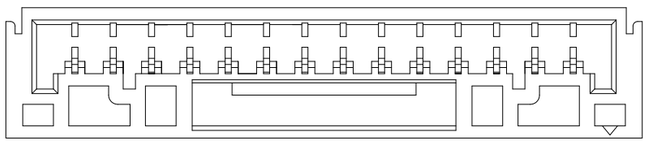

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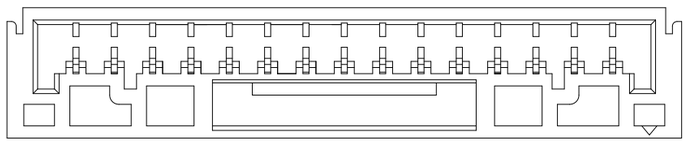

15P

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC	± 0.5
1 PLC	± 0.25
2 PLC	± 0.15
3 PLC	± 0.1
4 PLC	± –
ANGLES	± 2°

MATERIAL: NOTE 1

FINISH: NOTE 2

DWN	Tommy Qian	12APR2021
CHK	Niki Shi	12APR2021
APVD	Niki Shi	12APR2021
PRODUCT SPEC	—	
APPLICATION SPEC	—	
WEIGHT	—	

CUSTOMER DRAWING

TE Connectivity Ltd.

NAME: 1.25mm PITCH WTB Conn. SMT V —

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A3	00779	C-2390138	—

SCALE	SHEET	REV
N/A	2 OF 3	B1

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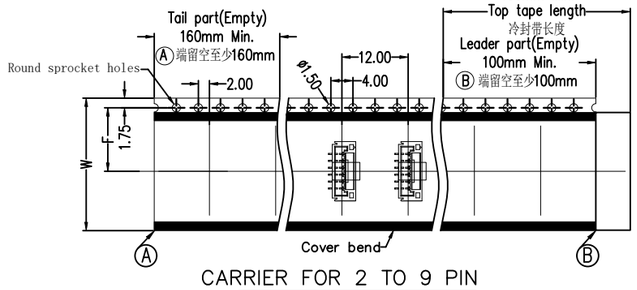
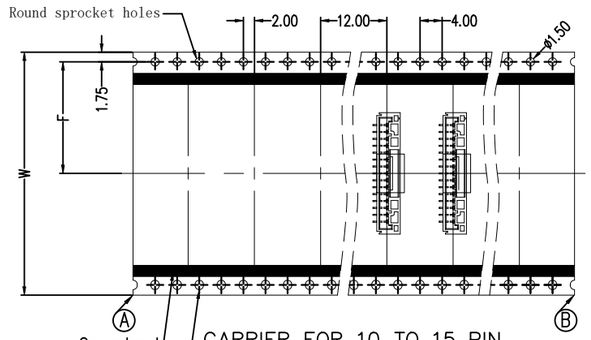
REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	–	SEE SHEET 1	–	—	—

HSF

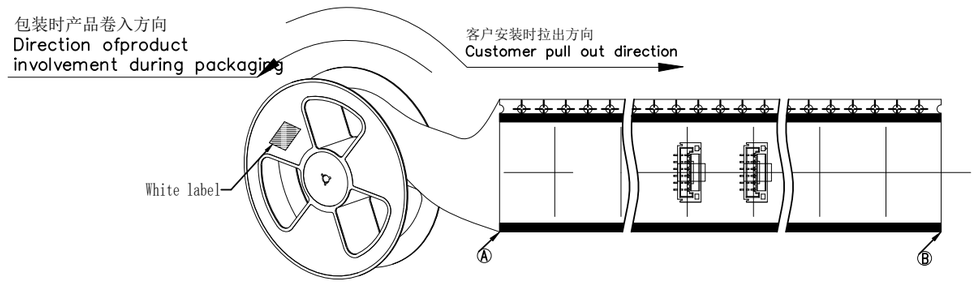


CARRIER FOR 2 TO 9 PIN

Section view

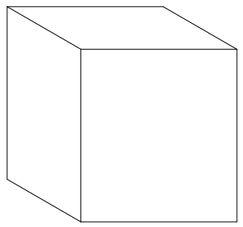


CARRIER FOR 10 TO 15 PIN

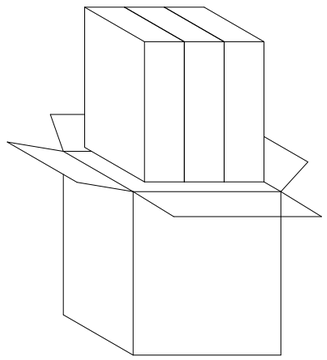


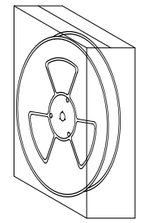
No.1:
BEFORE PACKAGE, PAY ATTENTION TO
LEAVE MORE THAN 160MM(MIN) EMPTY,
AFTER PUT THE PRODUCTS INTO THE CARRIER GROOVE,
PACKING WITH THE COVER BEND THEN,
NOTE: THE TENSION BETWEEN TAPE AND COVER BEND IS 10G~

BLACK	15	**7-2390138-5**	5-2390138-5	44.00±0.30	20.20±0.15	1000	2000	6000
	14	**7-2390138-4**	5-2390138-4	32.00±0.30	14.20±0.15	1000	2000	6000
	13	**7-2390138-3**	5-2390138-3					
	12	**7-2390138-2**	5-2390138-2					
	11	**7-2390138-1**	5-2390138-1					
	10	**7-2390138-0**	5-2390138-0					
	09	**6-2390138-9**	4-2390138-9	24.00±0.30	11.50±0.15	1000	3000	9000
	08	**6-2390138-8**	4-2390138-8					
	07	**6-2390138-7**	4-2390138-7					
	06	**6-2390138-6**	4-2390138-6					
	05	**6-2390138-5**	4-2390138-5					
	04	**6-2390138-4**	4-2390138-4					
	03	**6-2390138-3**	4-2390138-3					
	02	**6-2390138-2**	4-2390138-2	16.00±0.30	7.50±0.15	1000	4000	12000
NATURAL	15	3-2390138-5	**1-2390138-5**	44.00±0.30	20.20±0.15	1000	2000	6000
	14	3-2390138-4	**1-2390138-4**	32.00±0.30	14.20±0.15	1000	2000	6000
	13	3-2390138-3	**1-2390138-3**					
	12	3-2390138-2	**1-2390138-2**					
	11	3-2390138-1	**1-2390138-1**					
	10	3-2390138-0	**1-2390138-0**					
	09	2-2390138-9	**2390138-9**	24.00±0.30	11.50±0.15	1000	3000	9000
	08	2-2390138-8	**2390138-8**					
	07	2-2390138-7	**2390138-7**					
	06	2-2390138-6	**2390138-6**					
	05	2-2390138-5	**2390138-5**					
	04	2-2390138-4	**2390138-4**					
	03	2-2390138-3	**2390138-3**					
	02	2-2390138-2	**2390138-2**	16.00±0.30	7.50±0.15	1000	4000	12000
COLOR	PIN	GOLD FLASH	MATT TIN	W	F	PCS/Reel	PCS/Inner Box	PCS/Outer Box
		PLATING SPEC						
		PART NUMBER						



Outer box: CTN-18KTE





Inner box: CTN-18E

No.4:
SEAL,PACK,LABEL.

No.3:
PUT INNER BOX INTO OUTER BOX,
(3PCS INNER BOX/OUTER BOX)
PAY ATTENTION TO THE UNIFIED LABEL DIRECTION.

No.2:
PACK THE REEL IN THE PE-33 WATERPROOF
BAG PACKING,
PUT 1PCS DRYING AGENT,
SEAL IT WITH VACUUM MACHINE AND PUT
IT INTO THE INNER BOX,
SEAL IT WITH SEALING GLUE, WITH LABELS.

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ± 0.5
1 PLC ± 0.25
2 PLC ± 0.15
3 PLC ± 0.1
4 PLC ± –
ANGLES ± 2°

MATERIAL: NOTE 1

FINISH: NOTE 2

DWN	Tommy Qian	12APR2021
CHK	Niki Shi	12APR2021
APVD	Niki Shi	12APR2021
PRODUCT SPEC	—	
APPLICATION SPEC	—	
WEIGHT	—	

TE Connectivity Ltd.

NAME: 1.25mm PITCH WTB Conn. SMT V —

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A3	00779	C-2390138	—

CUSTOMER DRAWING | SCALE N/A | SHEET 3 OF 3 | REV B1