

RoHS



NOTE:

- MATERIAL:
  - INSULATION: LCP UL 94V-0
  - CONTACT: SQ 0.64mm COPPER ALLOY
- FINISH: UNDER PLATED NICKEL 50u" SUREFACE TIN OR GOLD PLATED
- RoHS & HALOGEN-FREE COMPLIANCE
- BILL OF PART NO:

3001WV-2xXP-XX-XX-XX-XX-XX-HF

No. PINS PER ROW: 1~12

FINISH: A=100u" MATTE-TIN (OVER ALL)  
C=GOLD FLASH (OVER ALL)  
C4=100u" MATTE-TIN (SOLDERING AREA)  
15u" GOLD (CONTACT AREA)  
C7=100u" MATTE-TIN (SOLDERING AREA)  
30u" GOLD (CONTACT AREA)  
COLOR: BLANK=NATURAL OR A=BLACK

PACKAGE: BLANK=TRAY PACKAGE  
OR RP=TAPE & REEL PACKAGE(W/O CAP)  
OR RPC=TAPE & REEL PACKAGE(W/ CAP)

CONTACT MATERIAL: B=BRASS  
OR HC=HIGH CONDUCTIVITY COPPER ALLOY (W/ HC MARK ON INSULATOR)

CLIP LENGTH: BLANK=2.2

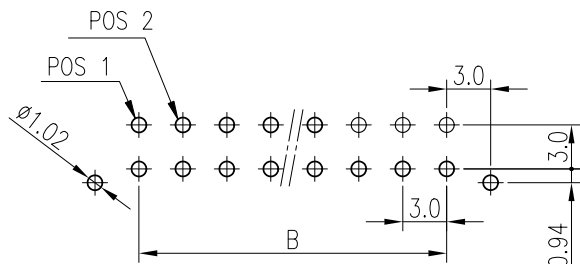
CLIP: BLANK=W/O CLIP OR C=W/ CLIP

PIN LENGTH: BLANK=3.2mm  
A=2.1mm  
B=2.6mm

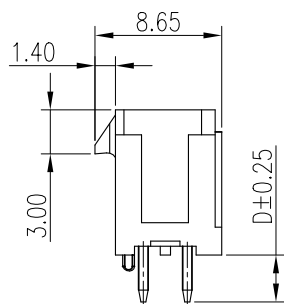
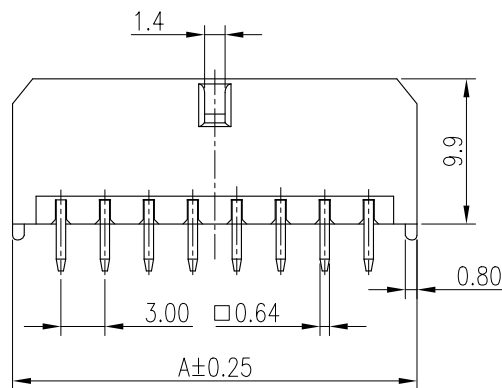
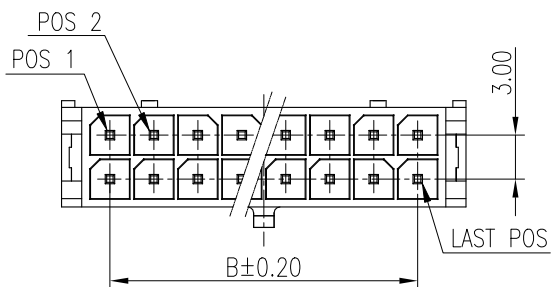
KINK: BLANK=W/O KINK OR K=W/ KINK

- FOR FINISH, COLOR, AVAILABILITY, DELIVERY & MOQ, CONTACT CKM
- DIMENSIONAL:

POS	A	B	C	POS	A	B	C
2x1	6.60	--	4.30	2x7	24.60	18.00	22.30
2x2	9.60	3.00	7.30	2x8	27.60	21.00	25.30
2x3	12.60	6.00	10.30	2x9	30.60	24.00	28.30
2x4	15.60	9.00	13.30	2x10	33.60	27.00	31.30
2x5	18.60	12.00	16.30	2x11	36.60	30.00	34.30
2x6	21.60	15.00	19.30	2x12	39.60	33.00	37.30



RECOMMENDED PCB LAYOUT  
GENERAL TOLERANCE ±0.05



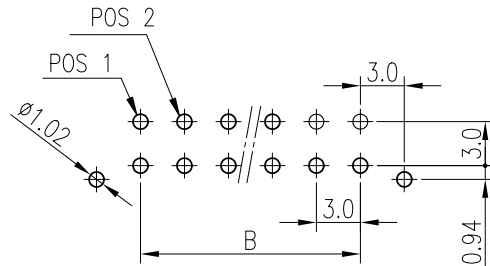
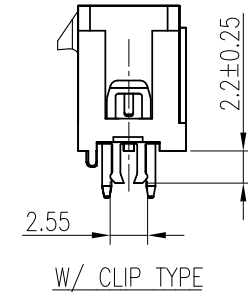
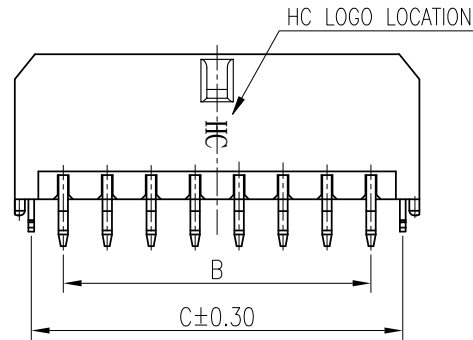
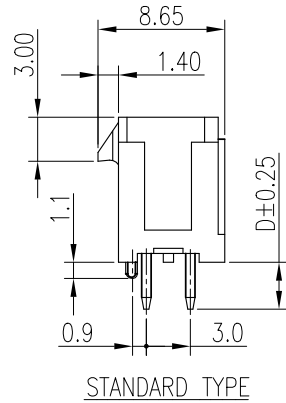
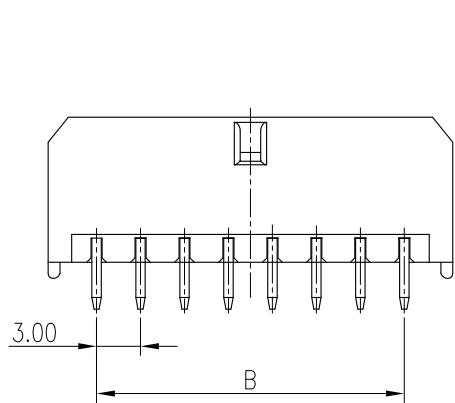
<b>TOLERANCE</b>		<b>PART NO.</b>		朝貴電子股份有限公司 CKM ELECTRONICS CO., LTD.	
X. X.X ±0.30 X.XX ±0.20	X.XXX ±0.10 Angular ±2°	3001WV-2xXP-XX-XX-XX-XX-XX-HF			
UNIT: mm		<b>DRAWING NO.</b>		<b>DESCRIPTION</b>	
<b>DWG TYPE.</b>		C-3001WV-2xXP-XX-XX-XX-XX-XX-HF		3.0mm PITCH VERTICAL DIP TYPE CONNECTOR	
Customer Drawing		<b>APPROVED BY</b>	<b>CHECKED BY</b>	<b>DRAWN BY</b>	<b>PAGE</b>
		Angus.Chen 2023.11.10	Sun.Lee 2023.11.10	Rock 2023.11.10	1 OF 5
				<b>SCALE</b>	<b>REV.</b>
				2 : 1	B

B	EC-23110179	UPGRADE DRAWING	Rock	2023.11.10
A		NEW RELEASE	Jimmy Wang	2022.04.06
REV.	ECN NO	REVISION RECORD	DRAW	DATE

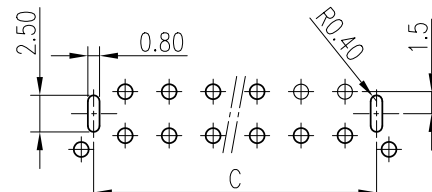
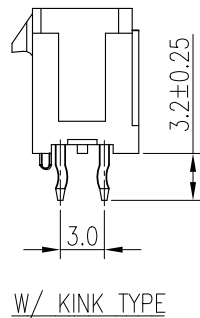
RoHS



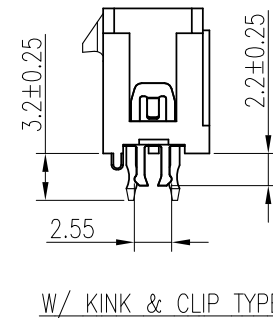
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RECOMMENDED PCB LAYOUT  
PCB THICKNESS=1.6mm  
GENERAL TOLERANCE ±0.05



RECOMMENDED PCB LAYOUT  
PCB THICKNESS=1.6mm  
GENERAL TOLERANCE ±0.05  
(W/ CLIP TYPE)

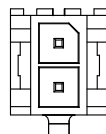


SOLDER PIN LENGTH: DIM D		PIN KINK
BLANK	3.2mm	W/ KINK
A	2.1mm	W/O KINK
B	2.6mm	W/O KINK

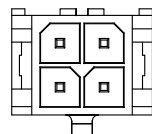
<b>TOLERANCE</b>		<b>PART NO.</b>		朝貴電子股份有限公司 CKM ELECTRONICS CO., LTD.	
X.	X.XXX ±0.10	3001WV-2xXP-XX-XX-XX-XX-XX-HF			
X.X	±0.30	<b>DRAWING NO.</b>		<b>DESCRIPTION</b>	
X.XX	±0.20	C-3001WV-2xXP-XX-XX-XX-XX-XX-HF		3.0mm PITCH VERTICAL DIP TYPE CONNECTOR	
UNIT: mm DWG TYPE: Customer Drawing		<b>APPROVED BY</b>	<b>CHECKED BY</b>	<b>DRAWN BY</b>	<b>PAGE</b>
		Angus.Chen 2023.11.10	Sun.Lee 2023.11.10	Rock 2023.11.10	2 OF 5
				<b>SCALE</b>	<b>REV.</b>
				2 : 1	B

B	EC-23110179	UPGRADE DRAWING	Rock	2023.11.10
A		NEW RELEASE	Jimmy Wang	2022.04.06
REV.	ECN NO	REVISION RECORD	DRAW	DATE

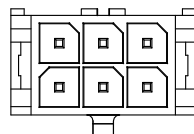
RoHS



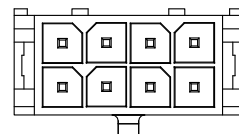
2 POS



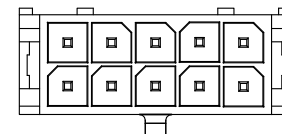
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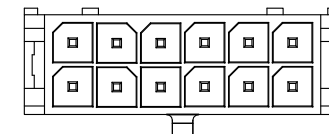
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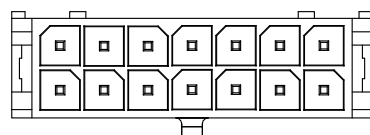
8 POS



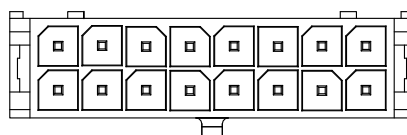
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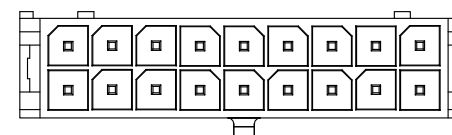
12 POS



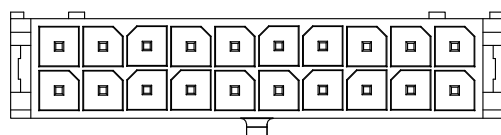
14 POS



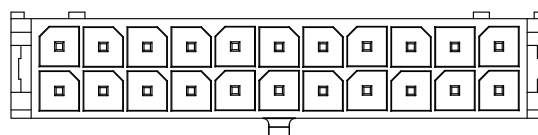
16 POS



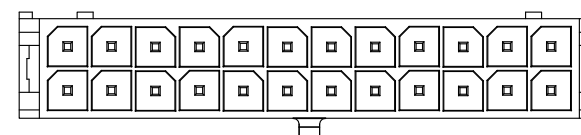
18 POS



20 POS



22 POS



24 POS

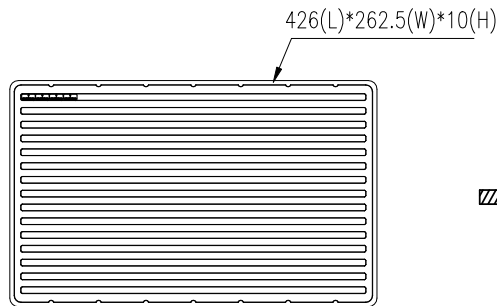
<b>TOLERANCE</b>		<b>PART NO.</b>		朝貴電子股份有限公司 CKM ELECTRONICS CO., LTD.	
X.                    X.XXX ±0.10		3001WV-2xXP-XX-XX-XX-XX-XX-HF			
X.X ±0.30		<b>DRAWING NO.</b>		<b>DESCRIPTION</b>	
X.XX ±0.20	Angular ±2°	C-3001WV-2xXP-XX-XX-XX-XX-XX-HF		3.0mm PITCH VERTICAL DIP TYPE CONNECTOR	
UNIT: mm		<b>APPROVED BY</b>	<b>CHECKED BY</b>	<b>DRAWN BY</b>	<b>PAGE</b>
		Angus.Chen 2023.11.10	Sun.Lee 2023.11.10	Rock 2023.11.10	3 OF 5
<b>DWG TYPE.</b>				<b>SCALE</b>	<b>REV.</b>
Customer Drawing				2 : 1	B

B	EC-23110179	UPGRADE DRAWING	Rock	2023.11.10
A		NEW RELEASE	Jimmy Wang	2022.04.06
<b>REV.</b>	<b>ECN NO</b>	<b>REVISION RECORD</b>	<b>DRAW</b>	<b>DATE</b>

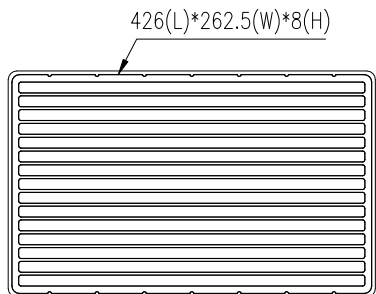
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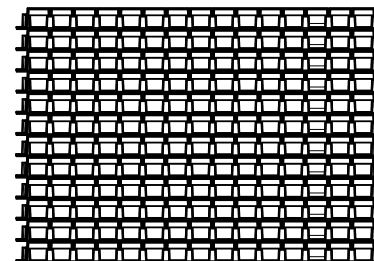
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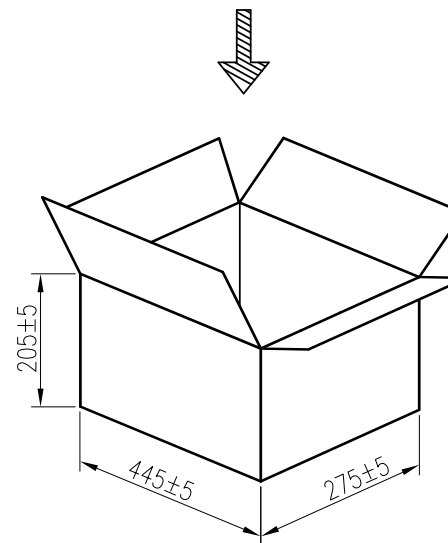
TRAY BOTTOM COVER



TRAY TOP COVER



12 STACKS



POS	PCS/TRAY	PCS/CARTON	PIN LENGTH
2x1	900	10800	DIM D 2.1~3.2mm
2x2	615	7380	
2x3	465	5580	
2x4	375	4500	
2x5	315	3780	
2x6	270	3240	
2x7	240	2880	
2x8	210	2520	
2x9	180	2160	
2x10	165	1980	
2x11	150	1800	
2x12	150	1800	

<b>TOLERANCE</b>		<b>PART NO.</b>		朝貴電子股份有限公司 CKM ELECTRONICS CO., LTD.		
X.                    X.XXX ±0.10	X.X ±0.30	3001WV-2xXP-XX-XX-XX-XX-XX-HF				
X.XX ±0.20	Angular ±2°	<b>DRAWING NO.</b>		<b>DESCRIPTION</b>		
	UNIT: mm	C-3001WV-2xXP-XX-XX-XX-XX-XX-HF		3.0mm PITCH VERTICAL DIP TYPE CONNECTOR		
<b>DWG TYPE.</b>		<b>APPROVED BY</b>	<b>CHECKED BY</b>	<b>DRAWN BY</b>	<b>PAGE</b>	<b>REV.</b>
Customer Drawing		Angus.Chen 2023.11.10	Sun.Lee 2023.11.10	Rock 2023.11.10	4 OF 5	B
				<b>SCALE</b>		
				2 : 1		

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A		NEW RELEASE	Jimmy Wang	2022.04.06
REV.	ECN NO	REVISION RECORD	DRAW	DATE

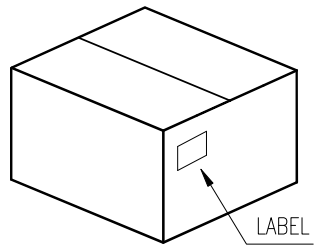
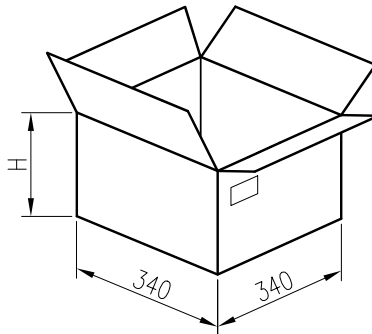
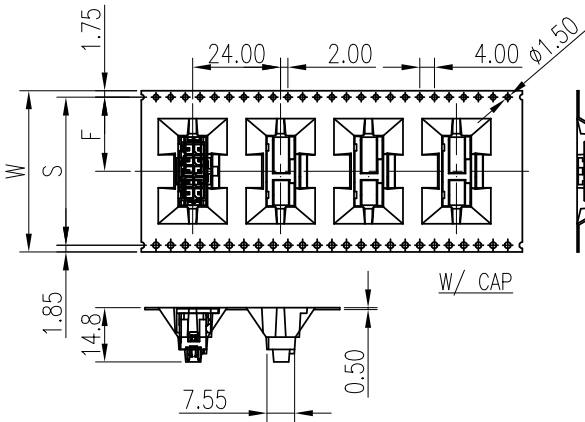
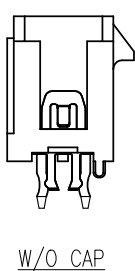
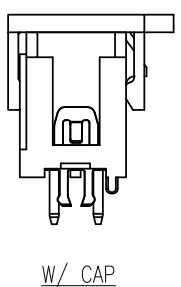
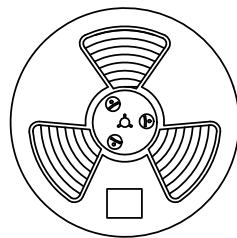
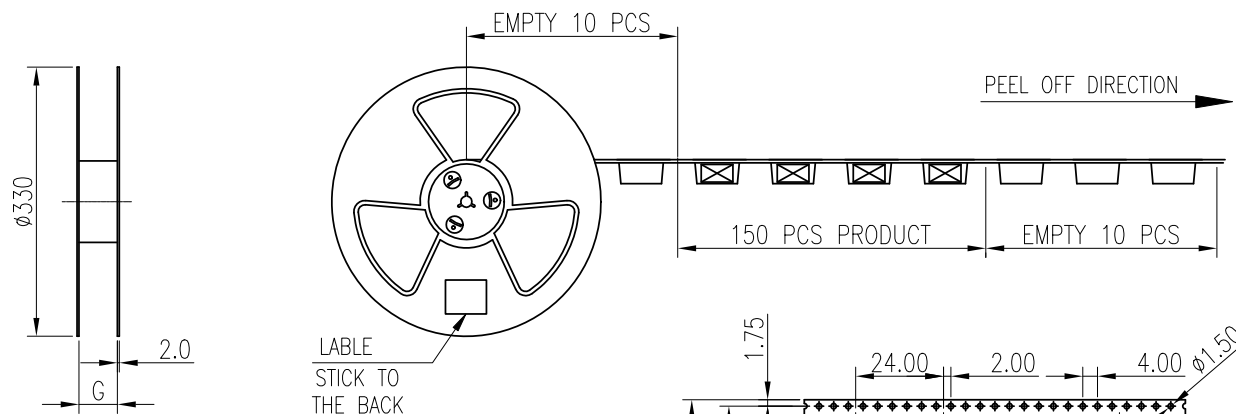
RoHS



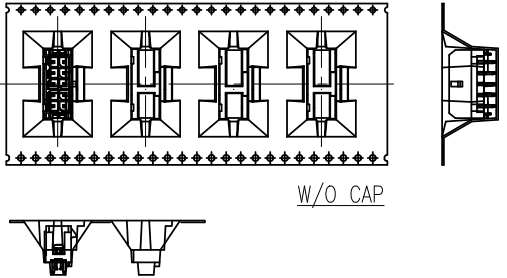
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A  
B  
C  
D

A  
B  
C  
D



POS	W	S	F	G	H	B0	PCS/REEL	PCS/CARTON
2x1	32.0	28.4	14.2	38.0	260	6.85	150	900
2x2						9.85		
2x3						12.85		
2x4	44.0	40.4	20.2	50.0	220	15.85		
2x5						18.85	450	600
2x6						21.85		
2x7						24.85		
2x8						27.85		
2x9	72.0	68.4	34.2	78.0	260	30.85	150	450
2x10						33.85		
2x11						36.85		
2x12						39.85		



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X.	X.XXX ±0.10	3001WV-2xXP-XX-XX-XX-XX-XX-HF			
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X.XX	±0.20	C-3001WV-2xXP-XX-XX-XX-XX-XX-HF		3.0mm PITCH VERTICAL DIP TYPE CONNECTOR	
UNIT: mm <b>DWG TYPE.</b> Customer Drawing		<b>APPROVED BY</b>	<b>CHECKED BY</b>	<b>DRAWN BY</b>	<b>PAGE</b>
		Angus.Chen 2023.11.10	Sun.Lee 2023.11.10	Rock 2023.11.10	5 OF 5
				<b>SCALE</b>	<b>REV.</b>
				2 : 1	B

B	EC-23110179	UPGRADE DRAWING	Rock	2023.11.10
A		NEW RELEASE	Jimmy Wang	2022.04.06
<b>REV.</b>	<b>ECN NO</b>	<b>REVISION RECORD</b>	<b>DRAW</b>	<b>DATE</b>