

HSF

NOTES:

Current Rating:5A
Voltage Rating:250V/AC
Contact Resistance:20mΩ Max.
Withstand Voltage:1500V AC
Insulation Resistance:100MΩ Min.
Operation Temperature:−40℃ to +125℃

Insulator Material:LCP,UL94V0,BLACK
Contact Material:Copper Alloy
Contact plating:
Gold plated 0.38um Min in located area over Nickel
Tin plated 2.0um Min in all over product

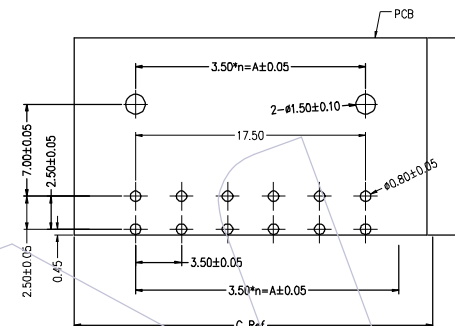
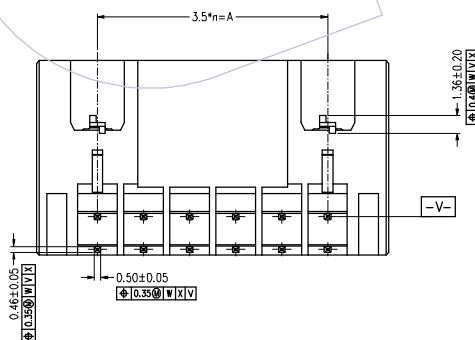
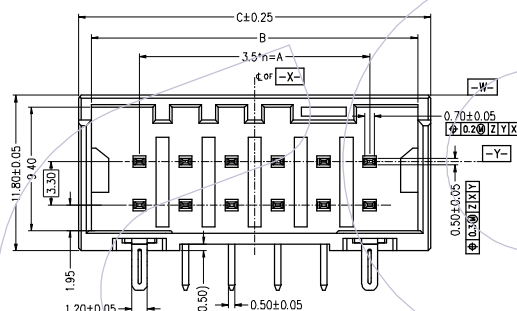
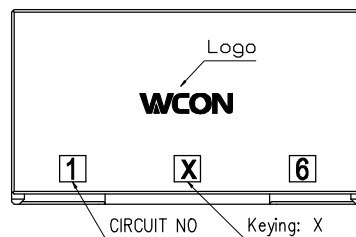
Ordering Information

WD 350 0 - 2 WR XX XX B T XX W

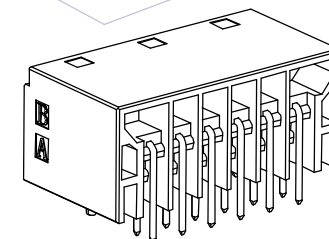
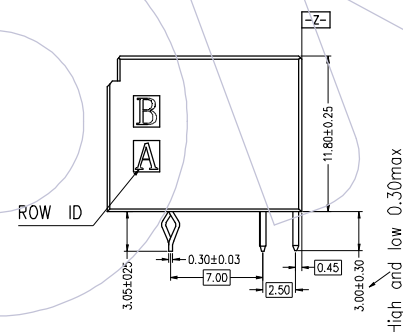
Pitch Code: 350= 3.50mm
 Type Code: 0= Series
 Bay number: 2=2 Row
 Type : WR= 90° DIP
 Pin NO; 04=4Pin 06=6Pin 08=8Pin
11=11Pin 15=15Pin 19=19Pin

L Woon Logo:
 W= With LOGO
 Blank: without logo
 01= X Fool-proofing
 02= Y Fool-proofing
 Packing:
 T=TuBe
 Colour
 Black

Contact Plating: —
W4=Sel.15U" Au/Matte Sn
SN=Sn plated



Recommended P.C.B Layout(Top Side)
(PCB BOARD THICKNESS 1.0~1.6±0.05)

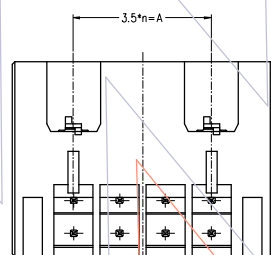
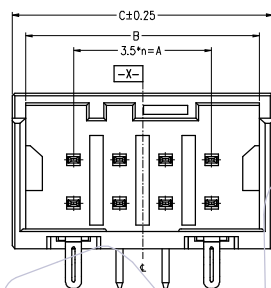
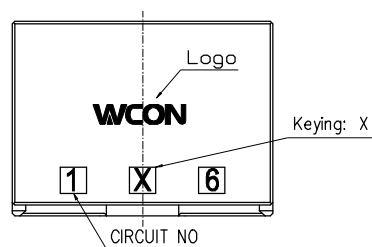


12P
X-KEY

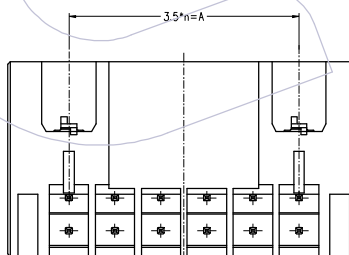
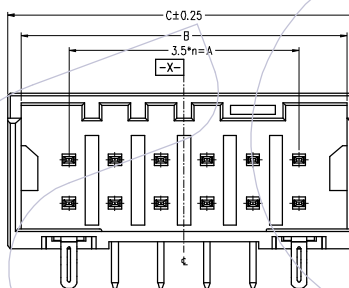
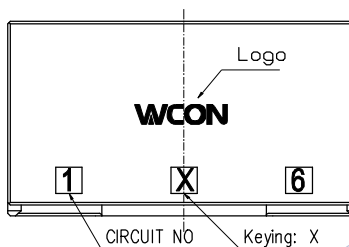
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WD3500-2WR19XXBT02(W)	38	Y	18			
WD3500-2WR15XXBT01(W)	30	X	14	49.0	56.3	58.3
WD3500-2WR15XXBT02(W)	30	Y	14			
WD3500-2WR11XXBT01(W)	22	X	10	35.0	42.3	44.3
WD3500-2WR11XXBT02(W)	22	Y	10			
WD3500-2WR08XXBT01(W)	16	X	7	24.5	31.8	33.8
WD3500-2WR08XXBT02(W)	16	Y	7			
WD3500-2WR06XXBT01(W)	12	X	5	17.5	24.8	26.8
WD3500-2WR06XXBT02(W)	12	Y	5			
WD3500-2WR04XXBT01(W)	8	X	3	10.5	17.8	19.8
WD3500-2WR04XXBT02(W)	8	Y	3			
P/N	PIN	KFY	n	A	R	C

				OPERATION		DRAW	DATE	SCALE	Fit	PART NO. WD3500-2WRXXXXBTxx(W) TITLE: 3.5*3.3mm Dyn. Dual row 90° DIP With Ground strip Customer NO.	 Http: www.wcon.com WCON-Dongguan Tel: +86 769 85358920 Fax: +86 769 85358915 E-mail: sales@wcon.com WCON-Kunshan Tel: +86 512 57468408 Fax: +86 512 57468468 E-mail: salesks@wcon.com
A1	2023/12/11	Updated content	KEVIN	X.X	±0.40	KEVIN_XIN	2023/12/11	UNIT	mm		
A0	2023/08/02	Increase pcb thickness size recommendation	KEVIN	X.XX	±0.25	CHECK	DATE	SIZE	A4		
1	2022/07/10	NEW	KEVIN	X.XXX	±0.15			SHEET	1/4		
REV	DATE	MODIFICATION DESCRIPTION	CHANGE	Angle	± 3°	APPROVE	DATE	PROJ.			
				DIM	TOL						

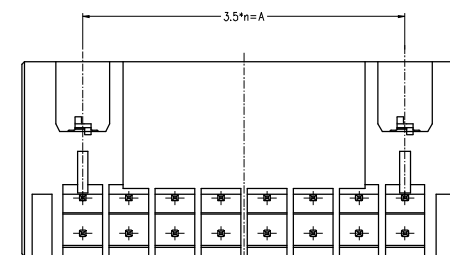
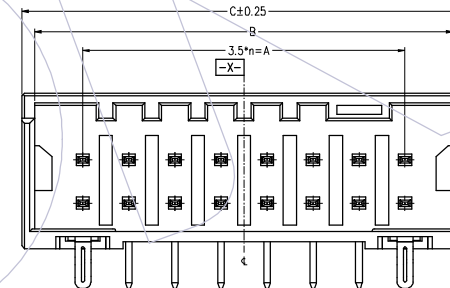
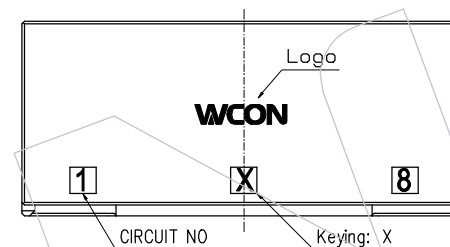
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8 PIN X KEY



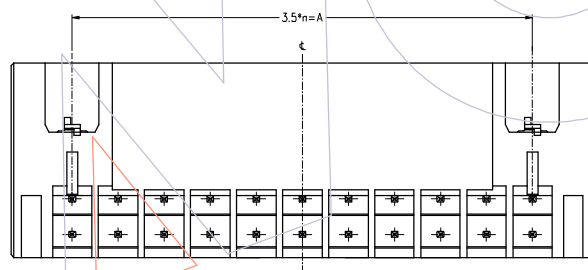
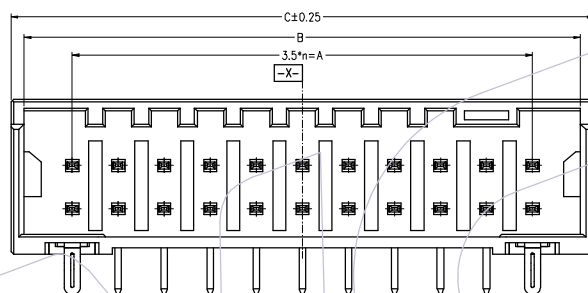
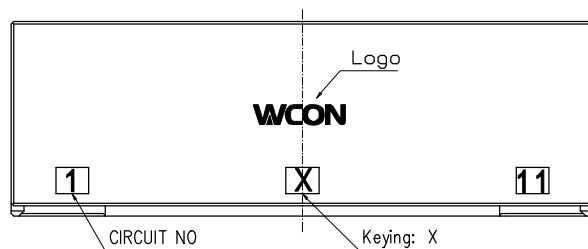
12 PIN X KEY



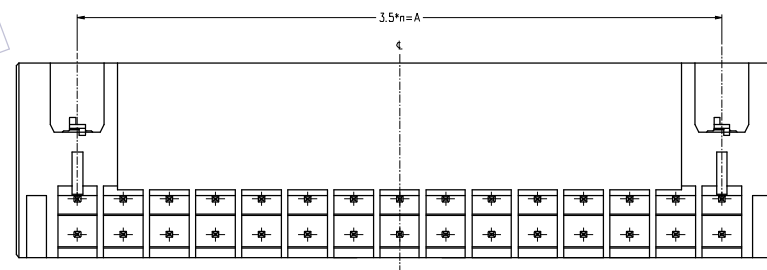
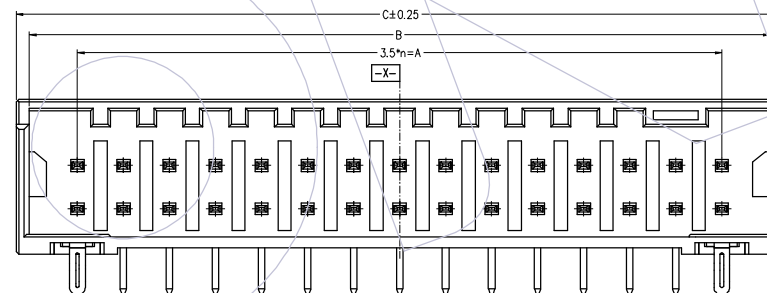
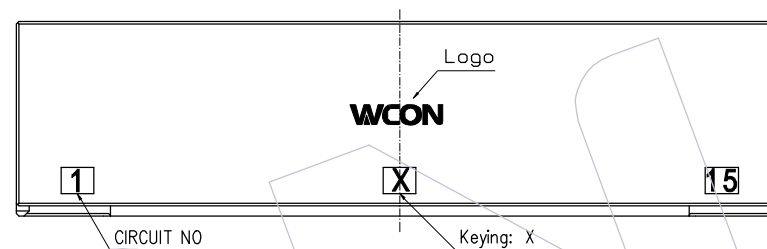
16 PIN X KEY

				OPERATION		DRAW	DATE	SCALE	Fit	PART NO.		 Http: www.wcon.com WCON-Dongguan Tel: +86 769 85358920 Fax: +86 769 85358915 E-mail: sales@wcon.com WCON-Kunshan Tel: +86 512 57468408 Fax: +86 512 57468468 E-mail: salesks@wcon.com
A1	2023/12/11	Updated content	KEVIN	x.x	±0.40	KEVIN_XIN	2023/12/11	UNIT	mm	WD3500-2WRXXXXBTXX(W)		
A0	2023/08/02	Increase pcb thickness size recommendation	KEVIN	x.xx	±0.25	CHECK	DATE	SIZE	A4	TITLE: 3.5*3.3mm Dyn. Dual row 90° DIP With Ground strip		
1	2022/07/10	NEW	KEVIN	x.xxx	±0.15	APPROVE	DATE	SHEET	2/4	Customer NO.		
REV	DATE	MODIFICATION DESCRIPTION	CHANGE	Angle	± 3°			PROJ.				
				DIM	TOL							

HSF



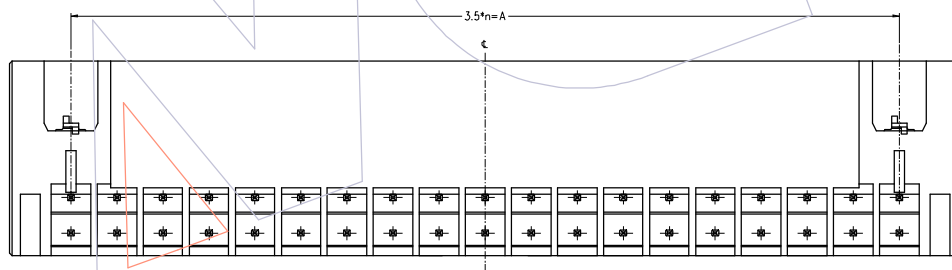
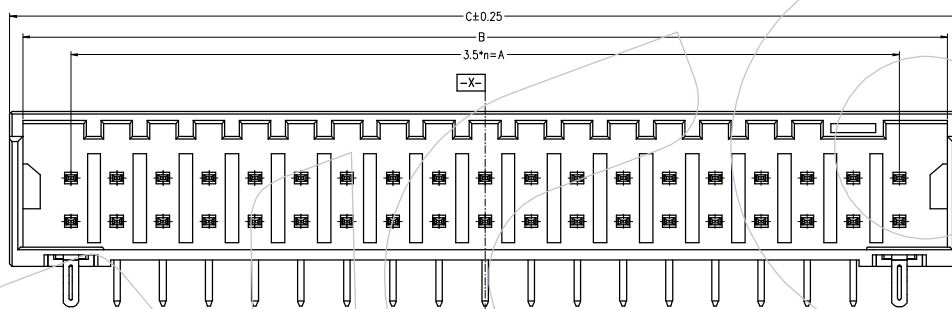
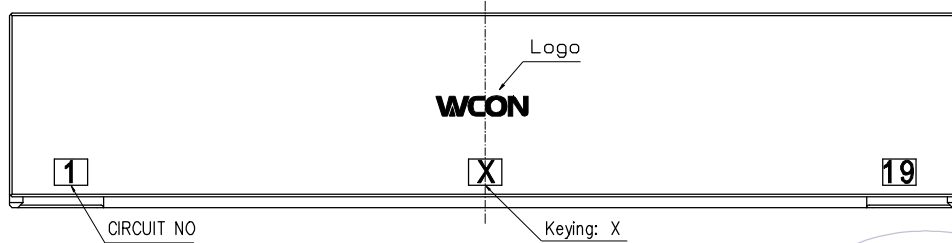
22 PIN X KEY



30 PIN X KEY

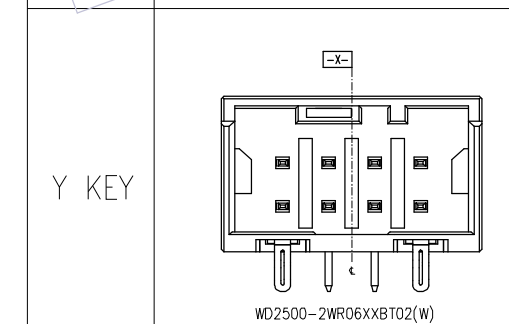
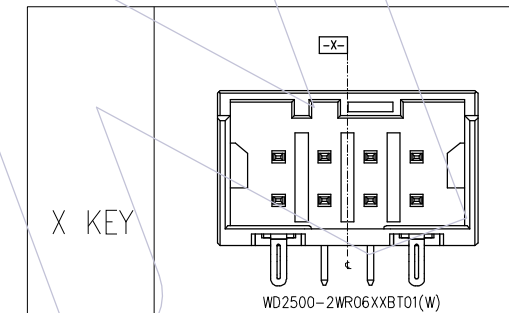
				OPERATION		DRAW KEVIN_XIN	DATE 2023/12/11	SCALE	Fit	PART NO. WD3500-2WRXXXBTXX(W)	 Http: www.wcon.com WCON-Dongguan Tel: +86 769 85358920 E-mail: sales@wcon.com WCON-Kunshan Tel: +86 512 57468408 Fax: +86 512 57468468 E-mail: salesks@wcon.com
A1	2023/12/11	Updated content	KEVIN	x.x	±0.40			UNIT	mm		
A0	2023/08/02	Increase pcb thickness size recommendation	KEVIN	x.xx	±0.25	CHECK	DATE	SIZE	A4	3.5*3.3mm Dyn. Dual row 90° DIP With Ground strip	
1	2022/07/10	NEW	KEVIN	x.xxx	±0.15						
REV	DATE	MODIFICATION DESCRIPTION	CHANGE	Angle	± 3°	APPROVE	DATE	SHEET	3/4	Customer NO.	
				DIM	TOL			PROJ.			

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38 PIN X KEY

THE KEYING APPANGEMENT OF “Y”
IS SYMMETRIC WITH “X”



				OPERATION		DRAW	DATE	SCALE	Fit	PART NO.	 Http: www.wcon.com WCON-Dongguan Tel: +86 769 85358920 Fax: +86 769 85358915 E-mail: sales@wcon.com WCON-Kunshan Tel: +86 512 57468408 Fax: +86 512 57468468 E-mail: salesks@wcon.com	
A1	2023/12/11	Updated content	KEVIN	x.x	±0.40	KEVIN_XIN	2023/12/11	UNIT	mm	WD3500-2WRXXXBTXX(W)		
A0	2023/08/02	Increase pcb thickness size recommendation	KEVIN	x.xx	±0.25	CHECK	DATE	SIZE	A4	TITLE:		
				x.xxx	±0.15					3.5*3.3mm Dyn. Dual row		
1	2022/07/10	NEW	KEVIN	Angle	± 3°	APPROVE	DATE	SHEET	4/4	90° DIP With Ground strip		
REV	DATE	MODIFICATION DESCRIPTION	CHANGE	DIM	TOL			PROJ.		Customer NO.		