

HSF

NOTE:
Rated Current: 3.0A
Rated Voltage: 125V.
Contact Resistance: 20mΩ Max
Withstanding Voltage: 1000V AC.
Insulation Resistance: 100MΩ Min
Temperature Range: -40°C ~ +125°C

Housing Material: PBT, UL94 V-0, Nature or Red;
ISL Material: PBT, UL94 V-0, Gray;
Used With: WF2012-TXXX02

Ordering Information

WF2012- 1 H XX X O 2 W

1=SINGLE ROW

NO. OF CIRCUITS PER ROW
04=4 CIRCUITS

HSG COLOR:

T=NATURE

R=RED

B=BLACK

PACKING:

O=PE BAG

INTERNAL CODE

W=WITH "WCON" LOGO

WF2012-1HXXX02W BOM LIST

ITEM	PART NO.	DESCRIPTION	PAGE
1	GWFF2012-1HXXX02W	HOUSING	P1&P2
2	GWFF2012-1CXXG02	ISL	P3

MATERIAL MARK

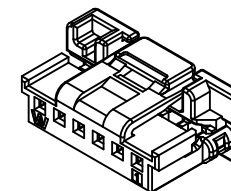
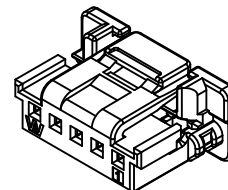
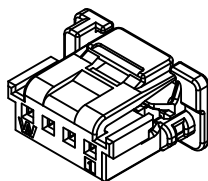
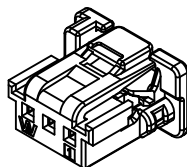
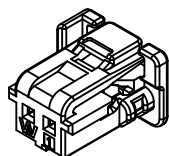
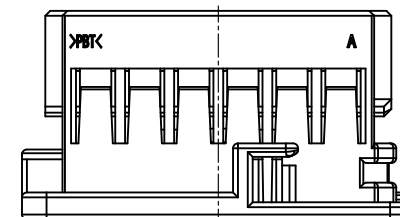
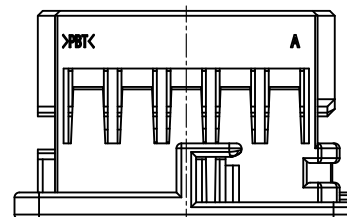
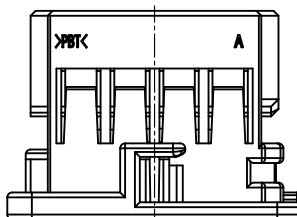
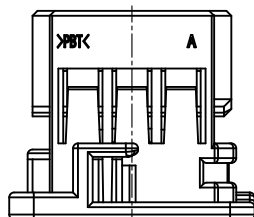
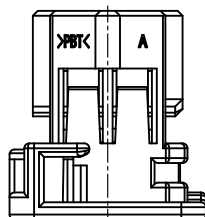
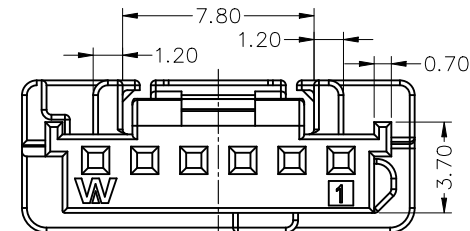
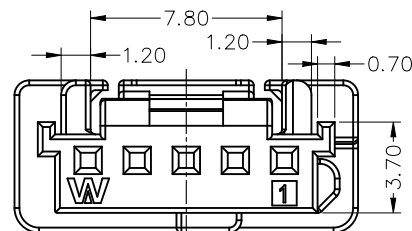
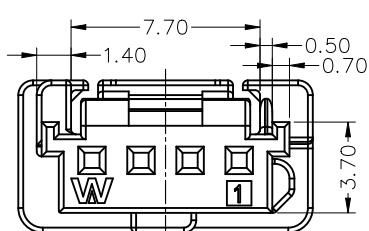
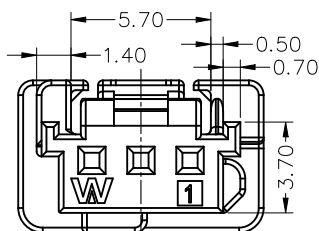
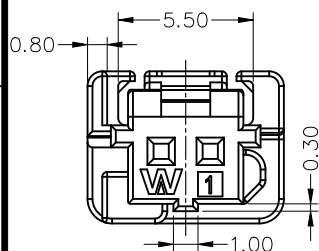
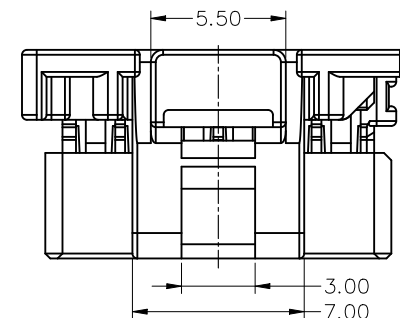
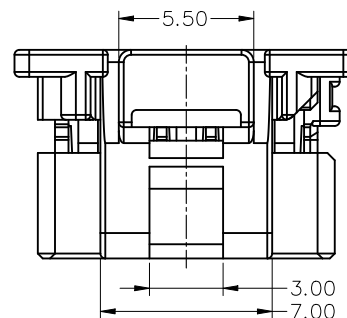
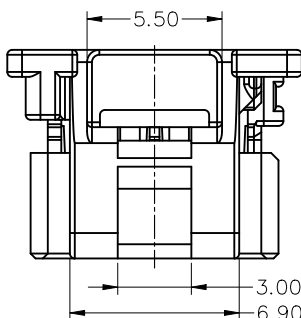
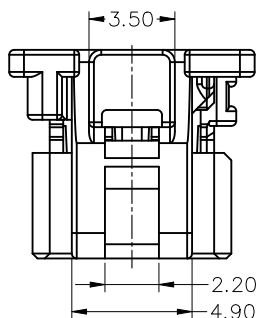
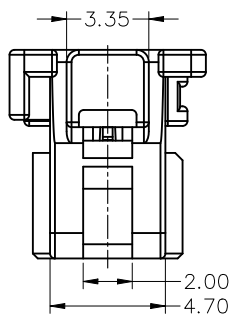
CAV NO.

TERMINAL ASSEMBLY DRAWING

PIN	A	B	C	D
1*2	6.10	4.70	8.00	2.00
1*3	8.10	6.70	10.00	4.00
1*4	10.10	8.70	12.00	6.00
1*5	12.10	10.70	14.00	8.00
1*6	14.10	12.70	16.00	10.00
1*7	16.10	14.70	18.00	12.00
1*8	18.10	16.70	20.00	14.00
1*9	20.10	18.70	22.00	16.00
1*10	22.10	20.70	24.00	18.00
1*11	24.10	22.70	26.00	20.00
1*12	26.10	24.70	28.00	22.00

				OPERATION		DRAW ZHL	DATE 2024/05/31	SCALE	FIT	PART NO. WF2012-1HXXX02W 	 Http: www.wcon.com	
A2	2024/05/31	ADD BLACK SPEC	ZHL	X.X	±0.40		CHECK XueLei	DATE	UNIT			
A1	2024/02/22	CORRECT MISTAKE	ZHL	X.XX	±0.25	APPROVE ZhaoShiZhi			DATE	SIZE	A4	
A0	2023/09/15	NEW	XueLei	X.XXX	±0.15		PROJ.			SHEET	1/4	
REV	DATE	MODIFICATION DESCRIPTION	CHANGE	Angle	± 3°	DIM			TOL	Customer NO.		

HSF



1*2 PIN

1*3 PIN

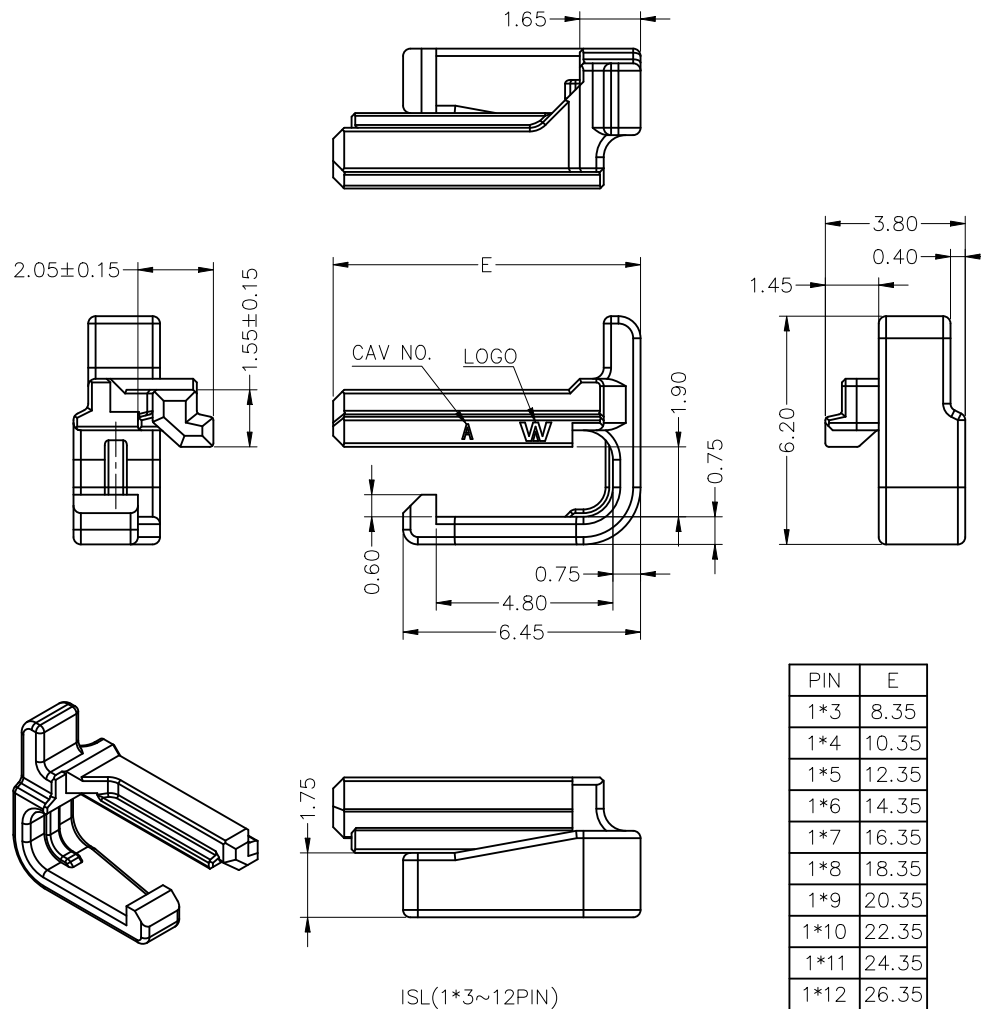
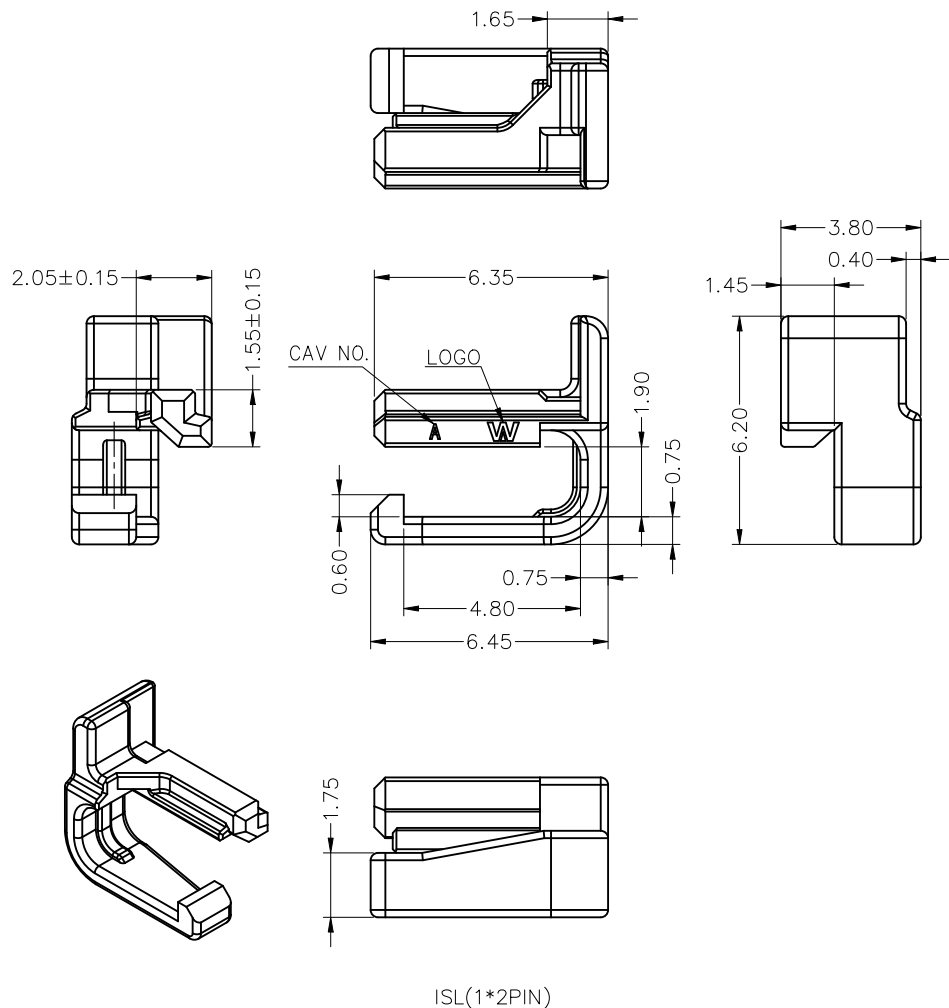
1*4 PIN

1*5 PIN

1*6~1*12 PIN

REV	DATE	MODIFICATION DESCRIPTION	CHANGE	OPERATION	DRAW	DATE	SCALE	FIT	PART NO.	WCON 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	
A2	2024/05/31	ADD BLACK SPEC	ZHL	X.X ±0.40	ZHL	2024/05/31	UNIT	mm	WF2012-1HXXX02W		
A1	2024/02/22	CORRECT MISTAKE	ZHL	X.XX ±0.25	CHECK	DATE	SIZE	A4	TITLE: 2.00mm Housing, M Type Connector		
A0	2023/09/15	NEW	XueLei	X.XXX ±0.15	APPROVE	DATE	SHEET	2/4	Customer NO.		
				Angle ± 3°	ZhaoShiZhi		PROJ.				
				DIM TOL							

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PIN	E
1*3	8.35
1*4	10.35
1*5	12.35
1*6	14.35
1*7	16.35
1*8	18.35
1*9	20.35
1*10	22.35
1*11	24.35
1*12	26.35

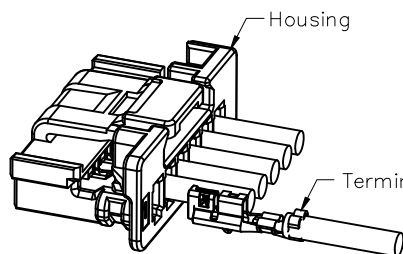
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A2	2024/05/31	ADD BLACK SPEC	ZHL	X.X ±0.40	ZHL	2024/05/31	UNIT	mm	WF2012-1HXXX02W A1
A1	2024/02/22	CORRECT MISTAKE	ZHL	X.XX ±0.25	CHECK	DATE	SIZE	A4	TITLE:
A0	2023/09/15	NEW	XueLei	X.XXX ±0.15	XueLei	DATE	SHEET	3/4	2.00mm Housing, M Type Connector
				Angle ± 3°	APPROVE	DATE	PROJ.		Customer NO. --
				DIM TOL	ZhaoShiZhi				

WCONHttp: www.wcon.com

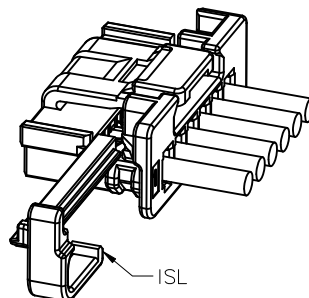
WCON-Dongguan Tel: +86 769 85358920
WCON-Kunshan Tel: +86 512 57468408
Fax: +86 769 85358915 Fax: +86 512 57468468
E-mail: sales@wcon.com E-mail: salesks@wcon.com

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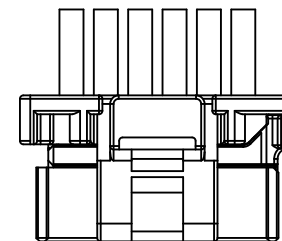
ASSEMBLING PROCESS



TERMINAL INSERT HOUSING

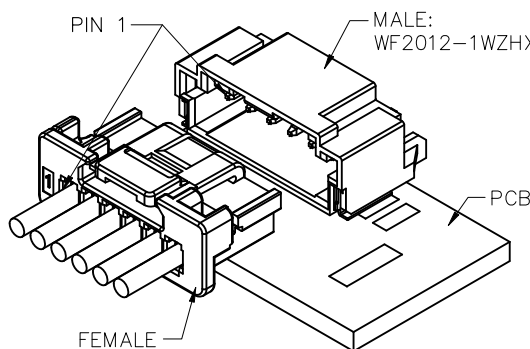


ISL INSERTED HOUSING

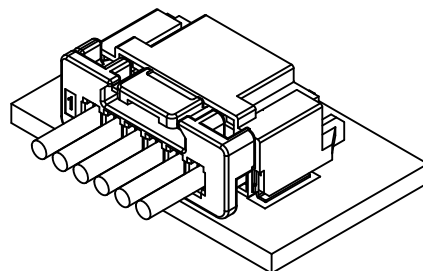


FINISHED PRODUCT

MATED WITH 90° MALE CONNECTOR

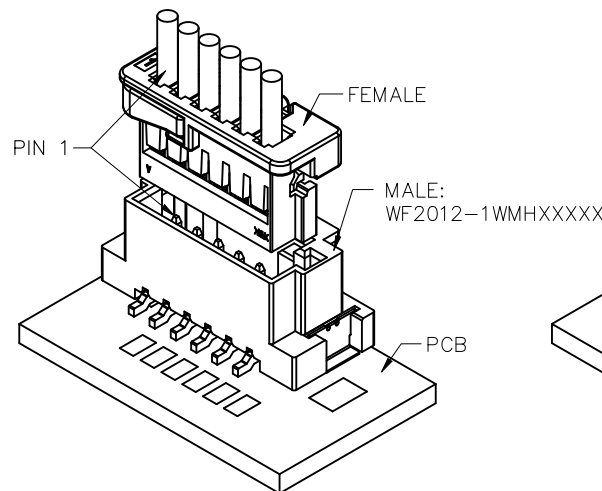


EXPLODED VIEW

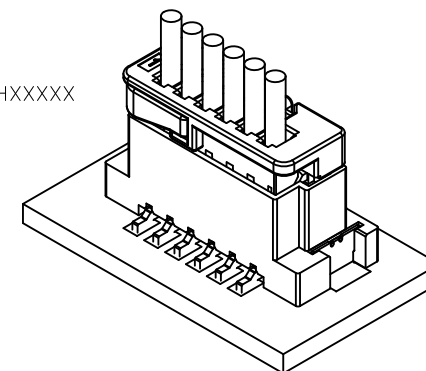


MATING VIEW

MATED WITH 180° MALE CONNECTOR



EXPLODED VIEW



MATING VIEW

REV	DATE	MODIFICATION DESCRIPTION	CHANGE	OPERATION	DRAW	DATE	SCALE	FIT	PART NO.	WCON Http: www.wcon.com WCON-Dongguan WCON-Kunshan Tel: +86 769 85358920 Tel: +86 512 57468408 Fax: +86 769 85358915 Fax: +86 512 57468468 E-mail: sales@wcon.com E-mail: salesks@wcon.com	
A2	2024/05/31	ADD BLACK SPEC	ZHL	X.X ±0.40	ZHL	2024/05/31	UNIT	mm	WF2012-1HXXX02W		
A1	2024/02/22	CORRECT MISTAKE	ZHL	X.XX ±0.25	CHECK	DATE	SIZE	A4	TITLE:		
A0	2023/09/15	NEW	XueLei	X.XXX ±0.15	XueLei	DATE	SHEET	4/4	2.00mm Housing, M Type Connector		
				Angle ± 3°	APPROVE		PROJ.		Customer NO.		
				DIM TOL	ZhaoShiZhi						