

HSF

NOTES:

1. RATED CURRENT:SEE TABLE1;
2. CONTACT RESISTANCE:INITIAL:10MΩ MAX.
FINAL: 20MΩ MAX;
3. WITHSTAND VOLTAGE:1500V AC;
4. INSULATION RESISTANCE:1000MΩ MIN;
5. OPERATION TEMPERATURE: -40°C TO +125°C;
6. CONTACT MATERIAL: COPPER ALLOY;
7. CONTACT PLATING:
UNDER PLATING NICKEL 50-80U" ;
SOLDER AREA: BRIGHT TIN 100-200U" MIN;
CONTACT AREA: AU OR SN
8. INSULATOR BODY MATERIAL: LCP+30%G.F UL94V-0 ;
9. RECOMMENDED PROCESS:
THE PEAK TEMPERATURE ON THE BOARD SHALL
MAINTAIN 10 SECONDS AT 260±5°C.
- 10.ROHS COMPLIANT.

Ordering Information

WF 2508-1 WZ H XX XX X X 1

Row
1=Single

Package R=REEL

90°SMT

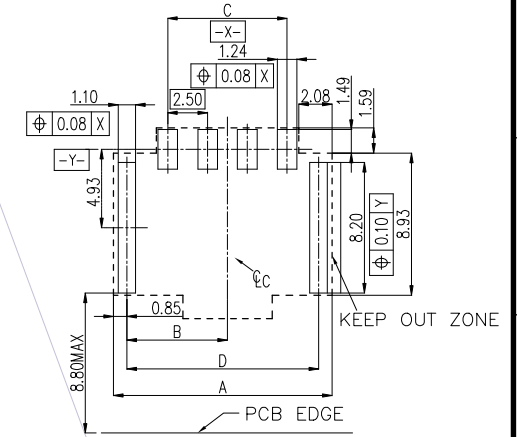
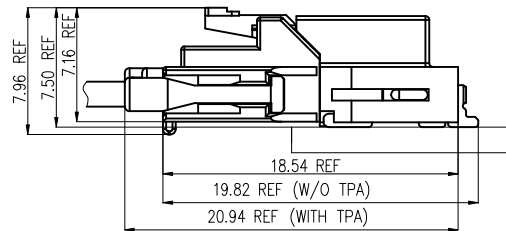
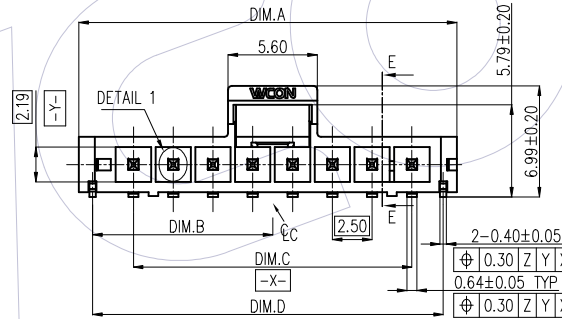
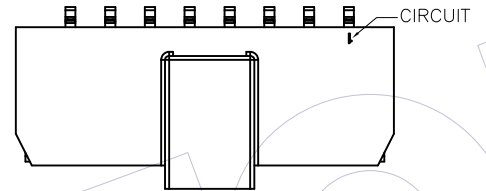
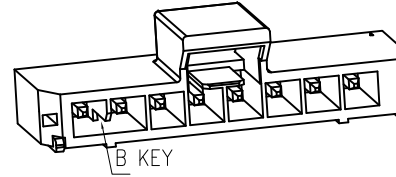
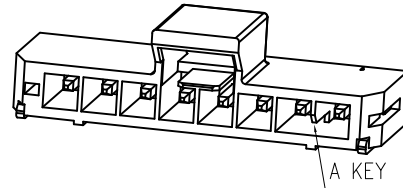
Housing Color
T=Natural
B=Black

NO.of PIN

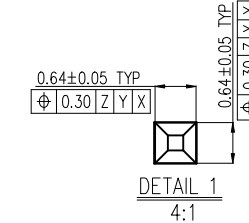
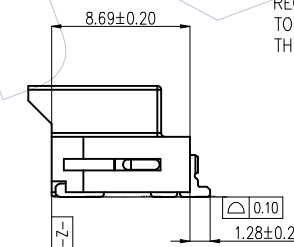
02=2 Pin

08=8 Pin

Contact Plating
S1=3u"Gold/Tin
S4=15u"Gold/Tin
S5=30u"Gold/Tin
BLank=Bright Tin



RECOMMENDED PCB LAYOUT (CONNECTOR SIDE VIEW)
TOLERANCE±0.05
THICKNESS:1.60 MIM



Pin	DIM.			
	DIM.A	DIM.B	DIM.C	DIM.D
1*2	8.74	3.82	2.50	7.04
1*3	11.24	5.07	5.00	9.54
1*4	13.74	6.32	7.50	12.04
1*5	16.24	7.57	10.00	14.54
1*6	18.74	8.82	12.50	17.04
1*7	21.24	10.07	15.00	19.54
1*8	23.74	11.32	17.50	22.04

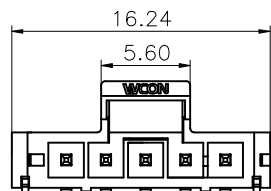
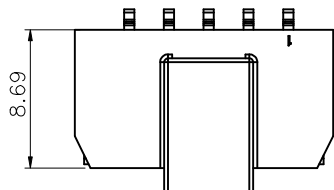
REV	DATE	MODIFICATION DESCRIPTION	CHANGE	OPERATION	DRAW	DATE	SCALE	1:1	PART NO.
				X.X	Dean.Liu	8/19'23	UNIT	mm	WF2508-1WZHXXXXXX1
				X.XX	Dean.Lin	8/19'23	SIZE	A4	TITLE:
				X.XXX	Tom.dai	8/19'23	SHEET	1/2	2.5mm Wafer single row, 90°SMT
				Angle			PROJ.		Customer NO.
				DIM					

WCON
Http: www.wcon.com

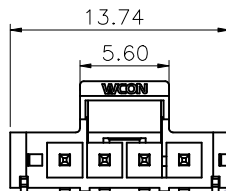
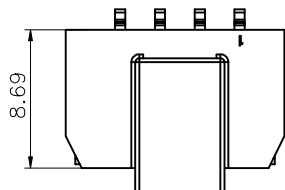
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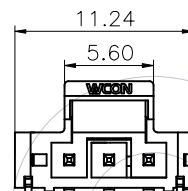
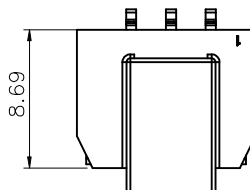
HSF



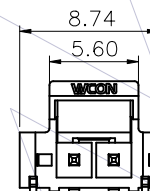
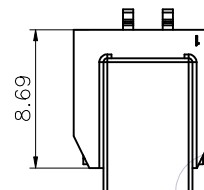
5 PIN



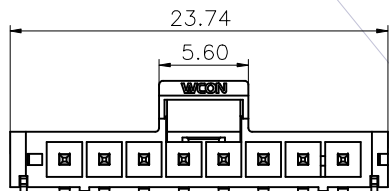
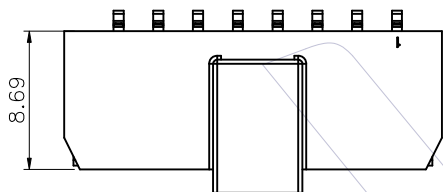
4 PIN



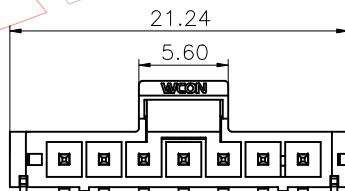
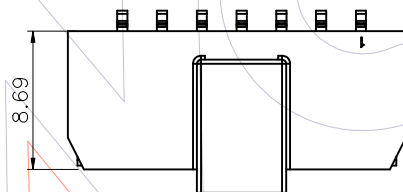
3 PIN



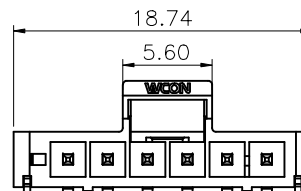
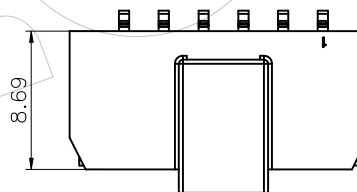
2 PIN



8 PIN



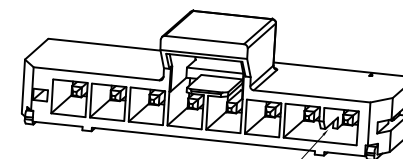
7 PIN



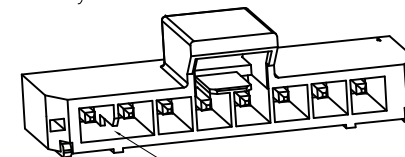
6 PIN

Table1

Connector fully loaded with all circuits powered								
PIN Current Rating AWG	Pin Size(Single row)							
	2	3	4	5	6	7	8	
20	8.0	7.7	7.5	7.2	7.0	6.7	6.5	
22	6.5	6.1	5.8	5.5	5.1	4.8	4.5	
24	6.0	5.7	5.5	5.2	5.0	4.7	4.5	
26	5.0	4.7	4.5	4.2	4.0	3.7	3.5	



A Key



B Key

* Note: KEY structure diagrams

OPERATION

X.X ±0.40

X.XX ±0.25

X.XXX ±0.15

Angle ± 3'

DIM TOL

DRAW

Dean.Liu

CHECK

Dean.Lin

APPROVE

Tom.dai

DATE

8/19'23

DATE

8/19'23

DATE

8/19'23

SCALE

1:1

UNIT

mm

SIZE

A4

SHEET

2/2

PROJ.

PART NO.

WF2058-1WSHXXXXXX1

TITLE:

2.5mm Wafer single row,

90°SMT

Customer NO.

WCON

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A0

8/19'23

NEW

Dean.Liu

REV

DATE

MODIFICATION DESCRIPTION

CHANGE