

HSF

NOTES:

1. Rated Current: See Table1;
2. Voltage Rating: 250V ;
3. Contact Resistance: Initial: 10mΩ Max.
Final: 20mΩ Max;
4. Withstand Voltage: 1500V AC;
5. Insulation Resistance: 1000MΩ Min;
6. Operation Temperature: -40℃ to +125℃;
7. Contact Material: copper alloy;
8. Contact Plating:
Under Plating Nickel 50u" ; Solder Area: Bright Tin 60u" Min;
Contact Area: Au Or Sn
9. Insulator Body Material: LCP, G.F, UL94V-0 ;
10. Recommended process:
Wave Solder, Peak temperature: 260±5℃.
11. RoHS COMPLIANT.

Ordering Information

WF 2508-1 WS H XX XX X X 2

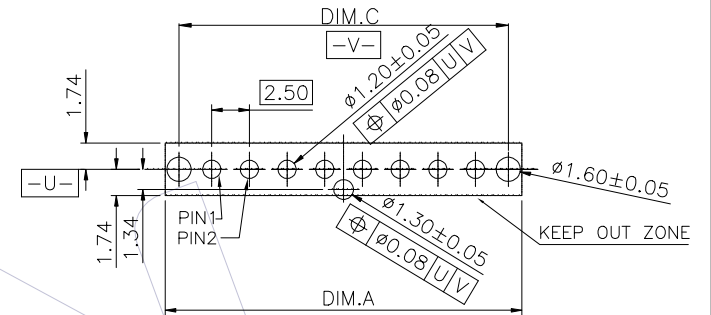
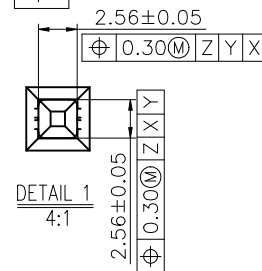
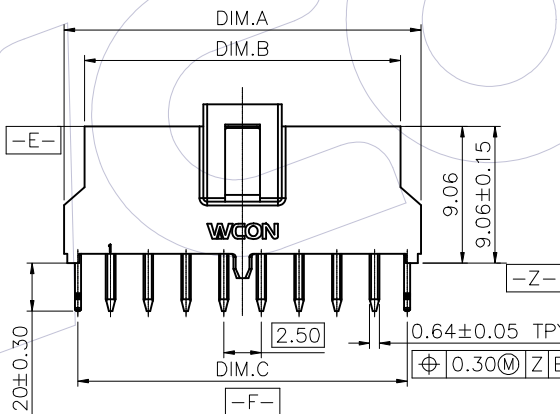
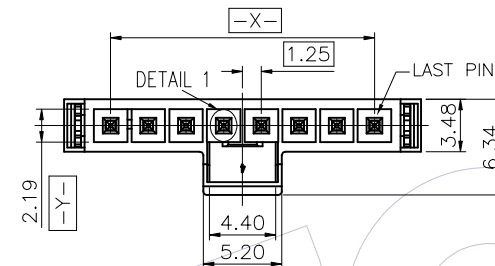
Row
1=Single
180° Dip

High Temperature
Plastic

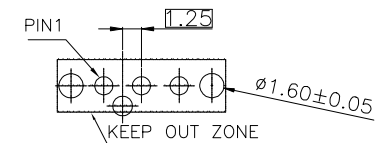
NO. of PIN
02=2 Pin
.....
08=8 Pin

Package A=Tray
Housing Color
T=Natural
B=Black

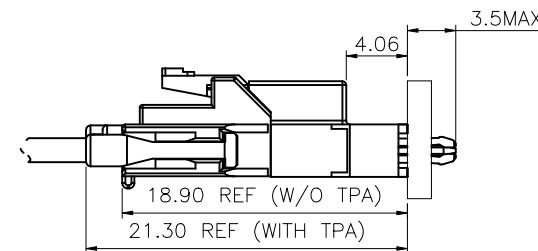
Contact Plating
S1=3u" Gold/Tin
S4=15u" Gold/Tin
S5=30u" Gold/Tin
BLank=Bright Tin



RECOMMENDED PCB LAYOUT (CONNECTOR SIDE VIEW)
TOLERANCE ±0.05
THICKNESS: 1.60 TO 2.40 MM



ONLY FOR PIN 3,5,7
OTHER DIMENSIONS REFER TO LEFT VIEWS



Pin (N)	DIM.		
	DIM.A	DIM.B	DIM.C
1*2	8.66	5.94	6.84
1*3	11.16	8.44	9.34
1*4	13.66	10.94	11.84
1*5	16.16	13.44	14.34
1*6	18.66	15.94	16.84
1*7	21.16	18.44	19.34
1*8	23.66	20.94	21.84

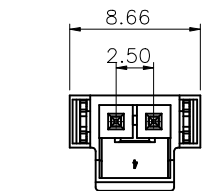
				OPERATION		DRAW		DATE		SCALE		PART NO.	
				X.X	±0.40	Dean.Liu	8/19'23			1:1		WF2058-1WSHXXXXXX2	
				X.XX	±0.25	CHECK Dean.Lin	DATE 8/19'23			UNIT	mm	TITLE: 2.5mm Wafer single row, 180°DIP, W/T Lock	
				X.XXX	±0.15					SIZE	A4		
A0	8/19'23		NEW	Dean.Liu	Angle	APPROVE Tom.dai	DATE 8/19'23			SHEET	1/2	Customer NO.	
REV	DATE		MODIFICATION DESCRIPTION	CHANGE	DIM TOL					PROJ.			

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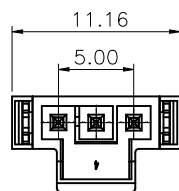
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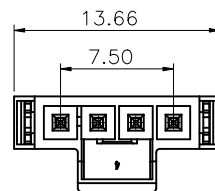
HSF



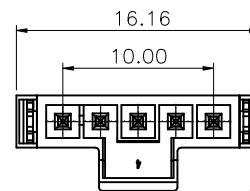
2 PIN



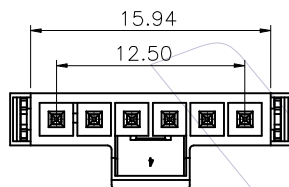
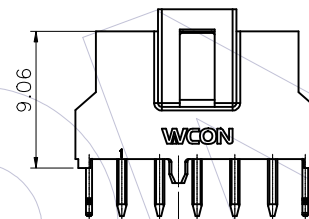
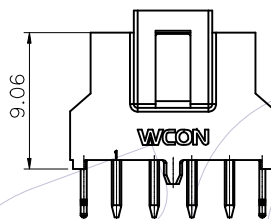
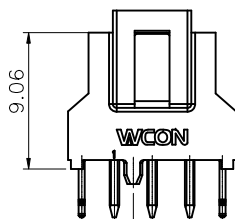
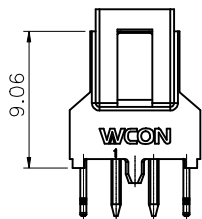
3 PIN



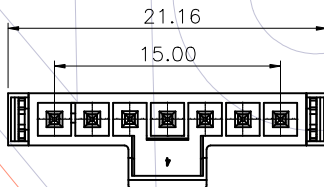
4 PIN



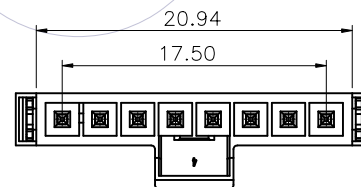
5 PIN



6 PIN



7 PIN



8 PIN

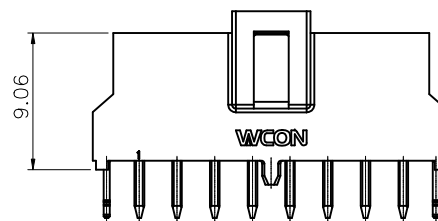
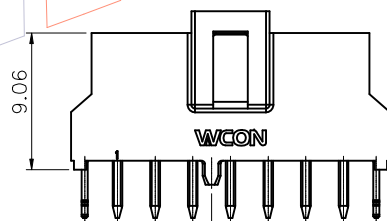
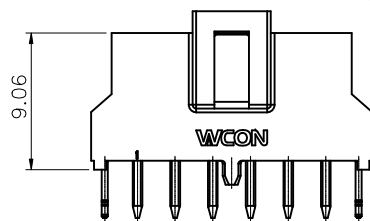
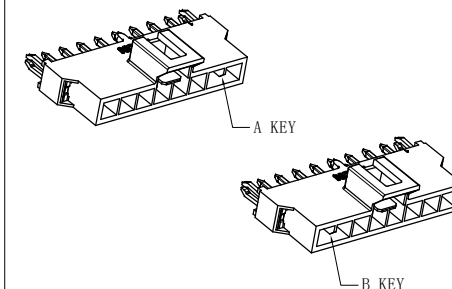


Table1

Connector fully loaded with all circuits powered								
PIN Current AWG Rating	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	



* Note: KEY structure diagrams

				OPERATION		DRAW Dean.Liu	DATE 8/19'23	SCALE	1:1	PART NO. WF2058-1WSHXXXXX2
				X.X	±0.40			UNIT	mm	
				X.XX	±0.25	CHECK Dean.Lin	DATE 8/19'23	SIZE	A4	TITLE: 2.5mm Wafer single row, 180°DIP, W/T Lock
				X.XXX	±0.15			SHEET	2/2	
A0	8/19'23	NEW	Dean.Liu	Angle	± 3'	APPROVE Tom.dai	DATE 8/19'23	SHEET	2/2	Customer NO.
REV	DATE	MODIFICATION DESCRIPTION	CHANGE	DIM	TOL			PROJ.		

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