

HSF

Notes:

1. Material Specification:

1-1. Housing: LCP, UL94V-0; Black/Natural
PA10T, UL94V-0; Orange

1-2. Contact: Copper Alloy.

2. Plating Specification:

Under Plating Nickel 50u"; Solder Area: Bright Tin 60u" Min;
Contact Area: Au Or Sn.

3. Electrical Performance:

3-1. Rated Current: See Table1;

3-2. Voltage Rating: 250V ;

3-3. Contact Resistance: Initial: 10mΩ Max.

Final: 20mΩ Max;

3-4. Withstand Voltage: 1500V AC;

3-5. Insulation Resistance: 1000MΩ Min;

4. Environmental Performance:

Operation Temperature: -40℃ To +125℃;

5. Recommended Process:

Wave Solder, Peak Temperature: 260±5℃.

6. RoHS COMPLIANT.

Ordering Information

WF 2508-2 WR H XX XX X X

Dual Rows

90°Dip

High Temperature Plastic

NO.Of Pins Per Row

02~8Pin

Contact Plating

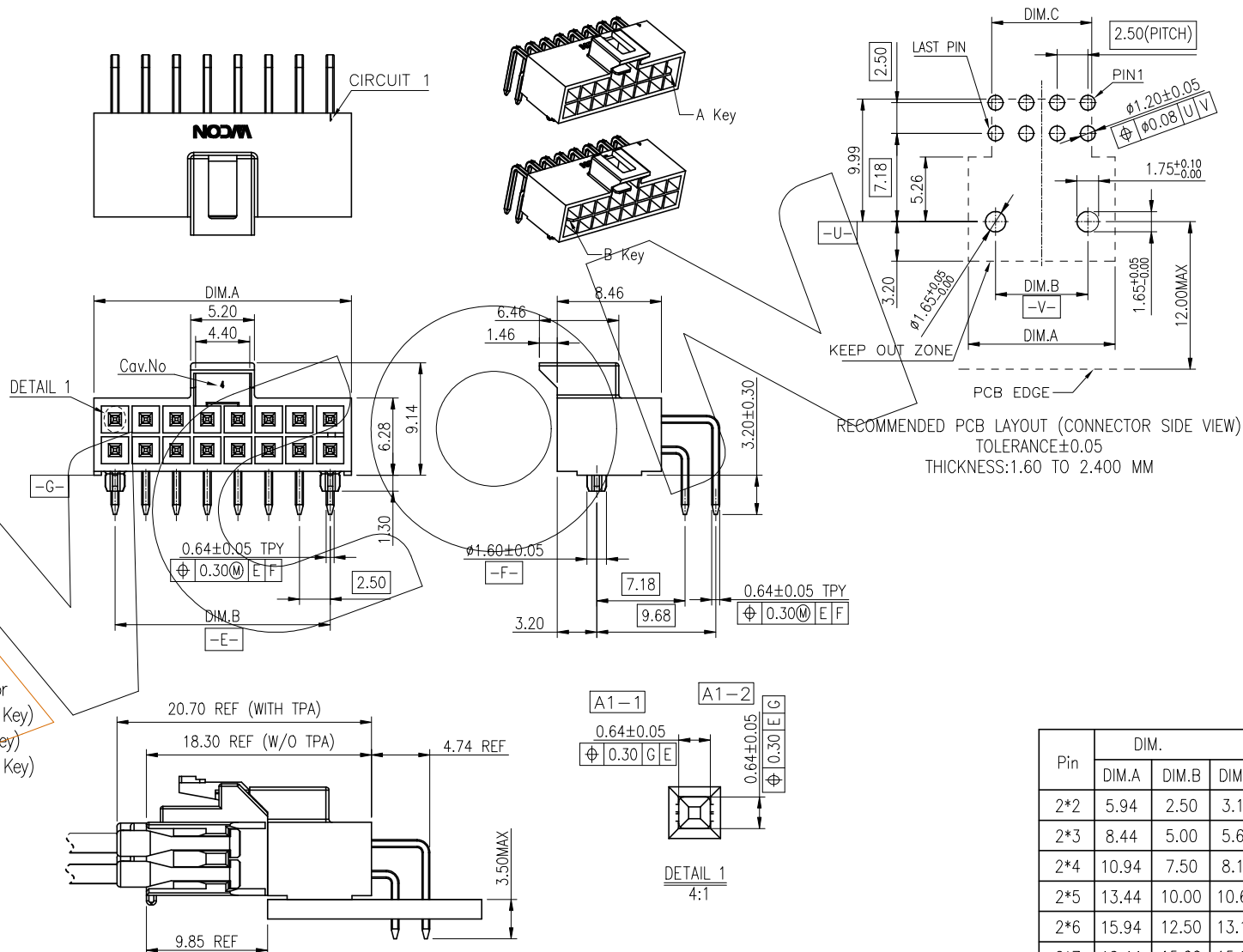
S1=3u"Gold/Tin

S4=15u"Gold/Tin

S5=30u"Gold/Tin

BLank=Bright Tin

Package
A=Tray
Housing Color
T=Natural(B Key)
B=Black(A Key)
O=Orange(B Key)



Pin	DIM.		
	DIM.A	DIM.B	DIM.C
2*2	5.94	2.50	3.14
2*3	8.44	5.00	5.64
2*4	10.94	7.50	8.14
2*5	13.44	10.00	10.64
2*6	15.94	12.50	13.14
2*7	18.44	15.00	15.64
2*8	20.94	17.50	18.14

				OPERATION		DRAW Dean.Liu	DATE 6/30'25	SCALE	1:1	PART NO. WF2508-2WRHXXXXX1	
				X.X	±0.40			UNIT	mm		
A1	6/30'25	CORRECTED PARAMETER	Dean.Liu	X.XX	±0.25	CHECK Lavon.Wu	DATE	SIZE	A4		TITLE: 2.5*2.5mm Wafer Dual Rows 90°DIP
A0	4/25'24	NEW	Lavon.Wu	X.XXX	±0.15			SHEET	1/2		
REV	DATE	MODIFICATION DESCRIPTION	CHANGE	Angle	± 3'	APPROVE Steven.Zhao	DATE	SHEET	1/2	Customer NO.	
				DIM	TOL			PROJ.			

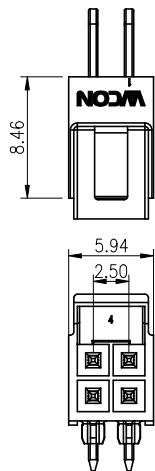
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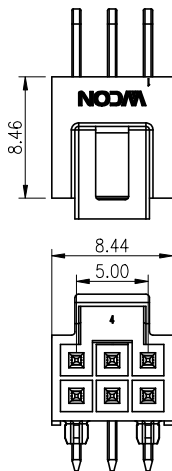
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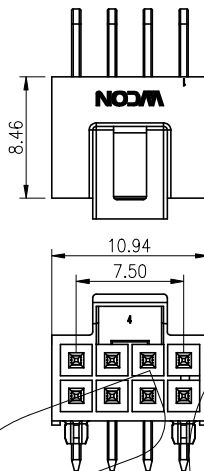
HSF



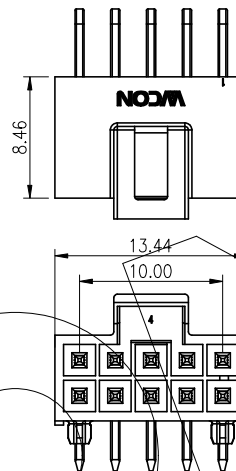
2*2 PIN



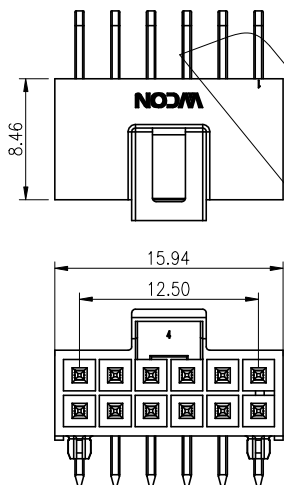
2*3 PIN



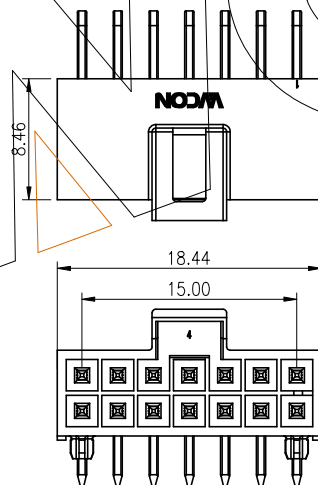
2*4 PIN



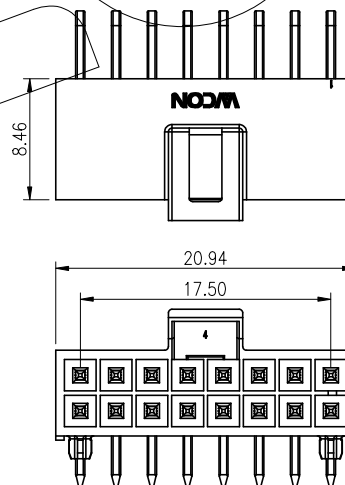
2*5 PIN



2*6 PIN



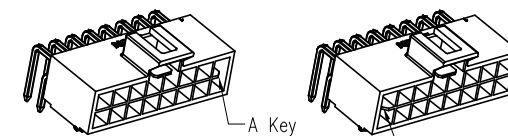
2*7 PIN



2*8 PIN

Table1

Connector fully loaded with all circuits powered							
PIN Current AWG Rating	Ckt Size(Dual Rows)						
	2*2	2*3	2*4	2*5	2*6	2*7	2*8
20	7.5	7.1	6.8	6.5	6.1	5.8	5.5
22	5.5	5.2	5.0	4.7	4.5	4.2	4.0
24	5.5	5.1	4.8	4.5	4.1	3.8	3.5
26	4.0	3.8	3.6	3.5	3.3	3.1	3.0



* Note: KEY structure diagrams

				OPERATION		DRAW Dean.Liu	DATE 6/30'25	SCALE 1:1	PART NO. WF2508-2WRHXXXXX1
				X.X	±0.40				
A1	6/30'25	CORRECTED PARAMETER		Dean.Liu	X.XX	±0.25	CHECK Lavon.Wu	UNIT mm	TITLE: 2.5*2.5mm Wafer Dual Rows, 90°DIP
A0	4/25'24	NEW		Lavon.Wu	X.XXX	±0.15	APPROVE Steven.Zhao	SIZE A4	
REV	DATE	MODIFICATION DESCRIPTION		CHANGE	Angle ± 3'	DIM TOL	DATE	SHEET 2/2	Customer NO.
								PROJ.	

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