

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°C To +125°C;
5. Recommended Process:

Wave Solder, Peak Temperature: 260±5°C.
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

Q2~8Pin

Contact Plating

S1=3u"Gold/Tin

S4=15u"Gold/Tin

S5=30u"Gold/Tin

Blank=Bright Tin

Package

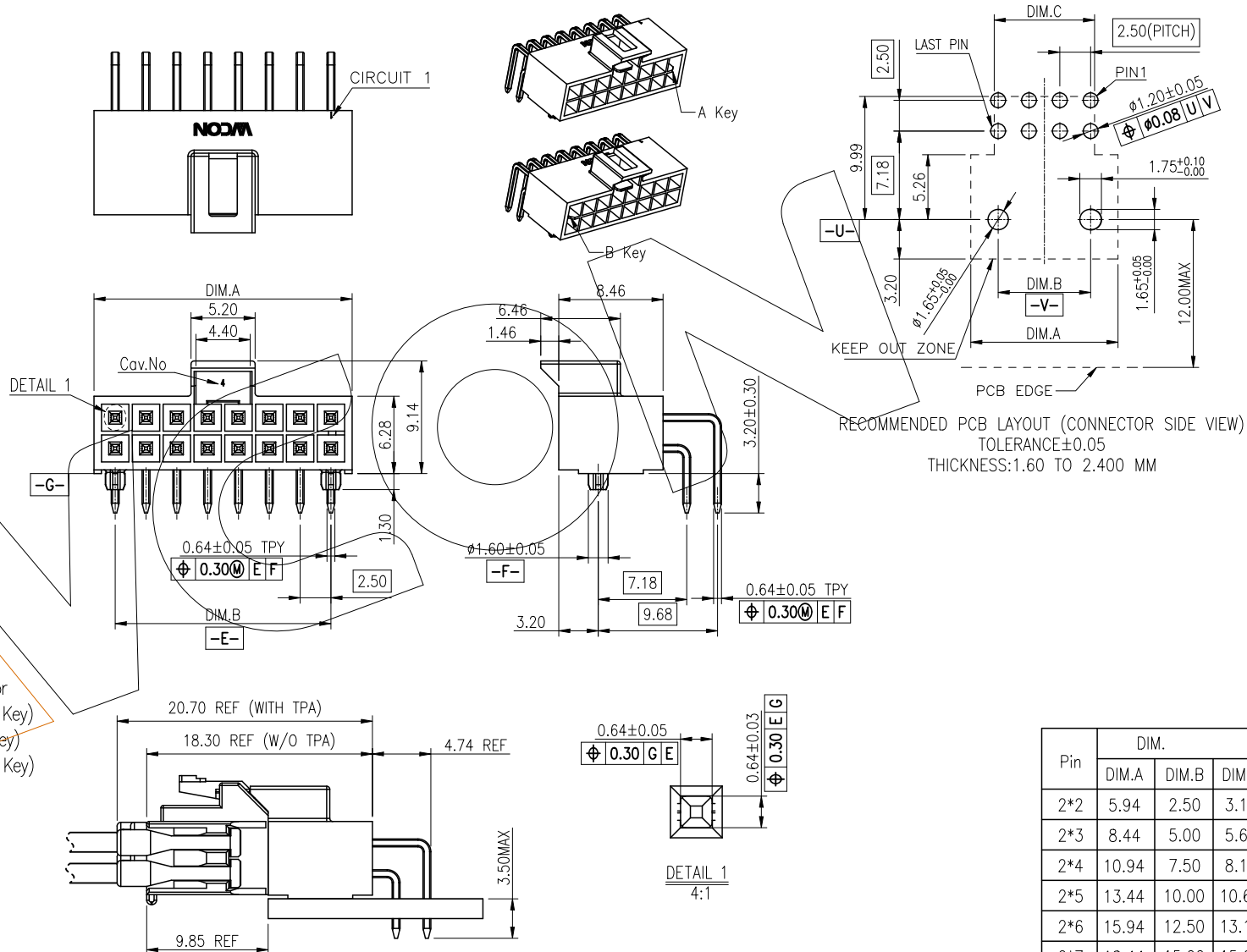
A=Tray

Housing Color

T=Natural(B Key)

B=Black(A Key)

O=Orange(B Key)



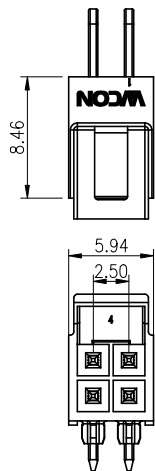
Pin	DIM.		
	DIM.A	DIM.B	DIM.C
2*2	5.94	2.50	3.14
2*3	8.44	5.00	5.64
2*4	10.94	7.50	8.14
2*5	13.44	10.00	10.64
2*6	15.94	12.50	13.14
2*7	18.44	15.00	15.64
2*8	20.94	17.50	18.14

				OPERATION		DRAW Lavon.Wu	DATE 4/25'24	SCALE	1:1	PART NO. WF2508-2WRHXXXXX1
				X.X	±0.40		CHECK	DATE	UNIT	
				X.XX	±0.25	APPROVE			DATE	SHEET
A0	4/25'24	NEW	Lavon.Wu	X.XXX	±0.15		APPROVE	DATE		SHEET
REV	DATE	MODIFICATION DESCRIPTION	CHANGE	Angle	± 3'	APPROVE			DATE	PROJ.
				DIM	TOL					

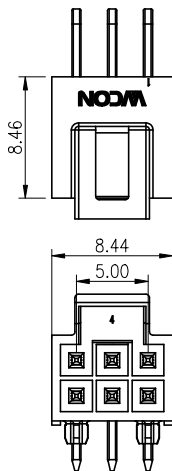
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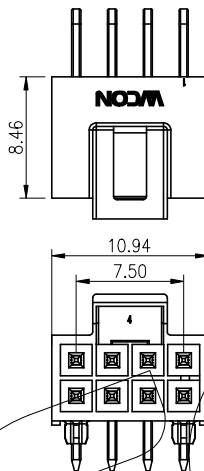
HSF



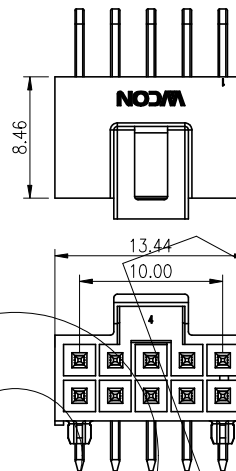
2*2 PIN



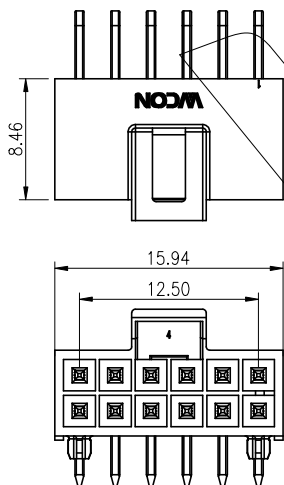
2*3 PIN



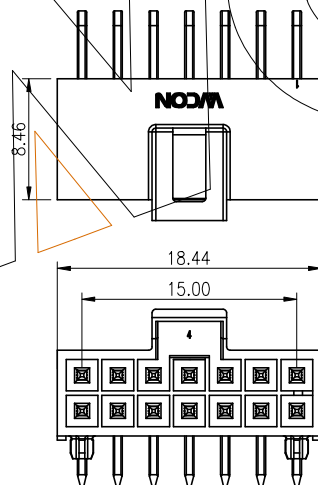
2*4 PIN



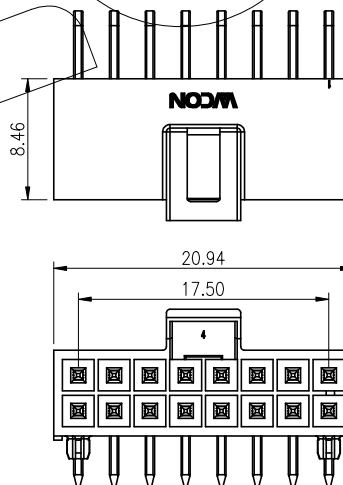
2*5 PIN



2*6 PIN



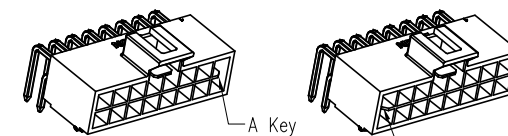
2*7 PIN



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		DATE		SCALE		PART NO.	
				X.X	±0.40	Lavon.Wu		4/25'24		1:1		WF2508-2WRHXXXXX1	
				X.XX	±0.25	CHECK		DATE		UNIT		mm	
				X.XXX	±0.15	APPROVE		DATE		SIZE		A4	
A0	4/25'24		NEW	Lavon.Wu	Angle ± 3'					SHEET		2/2	
REV	DATE	MODIFICATION DESCRIPTION		CHANGE	DIM TOL					PROJ.		Customer NO.	

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