



Shanghai Wenlida Technology Co. Ltd.

Add: NO.2439 Gaoshi road, Jiading District, Shanghai, China



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NO.	TECHNICAL NAME	TECHNICAL SPECIFICATIONS
1	PRODUCT NAME	Laminated busbar
2	MATERIAL	T2 red copper/1060AL/copper-clad aluminum Note: Customized production is available upon customer request.
3	INSULATION VOLTAGE	300~20kV
4	MAXIMUM VOLTAGE RESISTANCE RANGE	1000~20kV
5	RATED CURRENT	0~4000A
6	CONNECTION TYPE	Copper plate embossing, copper pillar riveting, copper pillar welding
7	SURFACE TREATMENT OF CONNECTIONS	Passivation, tin plating, nickel plating, conductive oxidation, anodic oxidation . Note: Customized production is available upon customer's request.
8	INTERLAYER ADHESION	>1300N (splitting tensile strength)
9	INSULATING MATERIAL	NOMEX, PVF, PET, PI, FR4, insulating powder, GPO3 . Note: Customized production is available upon customer's request.
10	PARTIAL DISCHARGE	<10PC
11	PARASITIC INDUCTANCE	15nH/m
12	FLAMMABILITY RATING	UL 94V-0
13	INSULATION RESISTANCE	$\geq 20\text{M}\Omega$, DC/1000V
14	TEMPERATURE RISE	$\leq 30\text{K}$
15	MAXIMUM NUMBER OF LAYERS	6



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16	MAXIMUM SIZE	1000*1800mm Note: Customized production within this size range is available upon customer request.								
17	OPERATING TEMPERATURE	-40 ~105°C								
18	PRODUCTIVITY	20,000 pieces/month								
19	DELIVERY CYCLE	2~3 weeks								
20	BATCH DELIVERY CYCLE	Deliver 100 pieces every 3 weeks, and the remaining pieces shall be delivered in batches as agreed in the contract.								
21	INSULATING MATERIAL	Material properties	Density (g/cm ³)	coefficient of thermal expansion	Thermal conductivity W (kg.K)	Dielectric constant (f=60 Hz)	Dielectric strength (kV/mm)	Flame retardant rating	Insulation Class	Water absorption rate (%)/24h
22		NOMEX	0.8~1.1	-	0.143	1.2	9	94, V-0	220	-
23		PI	1.42	20	0.094	3.7	9	94, V-0	220	0.24
24		PVF	1.38	53	0.126	10.4	19.7	94, V-0	105	0
25		PET	1.38~1.41	60	0.128	3.3	25.6	94, V-0	120	0.1~0.2
26		FR4	1.32	45~65	0.18	4.4	15.7	94, V-0	155	0.1~0.2