



Aluminium Housed Wirewound Resistors

WH SERIES

Physical Data

Dimensions (mm)					
Type	A	B	C	E	F
	Max	±0.3	±0.3	Min	Max
WH5	30.0	12.4	11.3	1.9	17
WH10	36.5	15.9	14.3	1.9	21
SERIE 1/31100 WH25	51.0	19.8	18.3	2.8	28
SERIE 1/31600 WH50	72.5	21.4	39.7	2.8	30
Type	G	H	L	M	N
	Max	Dia ±0.2	Max	±0.5	Max
WH5	9	2.4	17.0	4.3	1.8
WH10	11	2.4	21.0	5.2	2.2
SERIE 1/31100 WH25	15	3.3	29.0	7.2	2.6
SERIE 1/31600 WH50	16	3.3	51.0	7.9	2.6

Performance Data

		CECC 40203-006	ACTUAL		NOTES
			MAXIMUM	TYPICAL	
Load at commercial rating: 1000 hrs at 25°C	ΔR %	1.0	1.0	0.4	
Load at CECC rating: 1000 hours at 25°C	ΔR %	1.0	1.0	0.4	
Dry heat: 1000 hours at 200°C	ΔR %	1.0	1.0	0.4	
Derating from 25°C		Zero at 200°C			
Short term overload	ΔR %	1.0	1.0	0.2	
Climatic sequence	ΔR %	1.0	1.0	0.4	
Climatic category		55/200/56			
Long term damp heat	ΔR %	1.0	0.5	0.2	
Temperature rapid change	ΔR %	0.25	0.25	0.1	
Resistance to solder heat	ΔR %	0.25	0.25	0.05	
Vibration and bump	ΔR %	0.25	0.25	0-0.25	
Noise (in decade of frequency)	μV/V	Not specified	zero	zero	
Insulation resistance.	ohms	>1Gohm	>20Tohm	>100Gohm	
Isolation voltage : WH5 and 10	volts AC peak	1000 min	1500 min		See application notes
: WH25 and 50	volts AC peak	2000 min	3000 min		
Pulse handling		Data available by request			