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Datasheet

20 VA 2 Output Chassis Mounting Transformer, 6 V ac

RS Stock number [504-593](#)



Specifications:

Maximum Operating Frequency:	60Hz
Minimum Operating Frequency:	50Hz
Mounting Type:	Clamp Mount
Number of Outputs:	2
Power Rating:	20VA
Primary Voltage Rating:	230 V ac
Secondary Voltage Rating:	6 V ac
Nominal Input Voltage:	230V +/-10%, 50/60Hz
No-load Input Current @ 230V 50Hz:	60mA (RMS) max.
Full Load Output Voltage +/-5% @ 20VA:	6 + 6
Secondary Resistance +/- 15% @ 20.C:	0.22 + 0.262
Primary Winding Resistance:	120 +/- 15% @ 20.C
Regulation:	< 12% typical for range
Maximum Winding Temperature Rise:	55.C
Efficiency:	> 80%
Iron Loss:	2.3W
Copper Loss:	2.62W

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Specifications:

Flash Test:	Primary/Secondary's 4KV RMS For 6 Seconds Windings/Core 2KV RMS For 6 Seconds
Insulation Test:	Primary/Secondary's/Core >50MΩ @ 500Vdc @20.C
Over potential Test:	460V 500Hz applied across primary, secondary's open circuit. (Type Test Only)
Core Material:	800-50
Winding Wire:	BS6811 Section 3.1 Grade 1
Bobbin and Full Shrouds:	Split Section, Glass Filled Nylon
Overall Insulation Rating:	Class B (130.C)
Finish:	Class F Stoved Varnish
Dimensions:	59mm wide x 50mm high x 57mm deep (nominal) Including tags.
Fixing Centres:	70mm. Slots 4.7mm x 8.7mm
Weight:	0.55Kg nominal

All tolerances and production tests in accordance with EN61558 (EN60742)