

TRANSFORMERS FOR DIGITAL AUDIO DATA TRANSMISSION

For Use with Cirrus Logic's CS8401, CS8402, CS8403 & CS8404 ICs



Operating transmission rates: 1 to 7 Mbps

Controlled rise time: 25 nsec MAX

High isolation voltage: 2 kV MIN

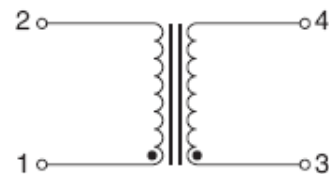
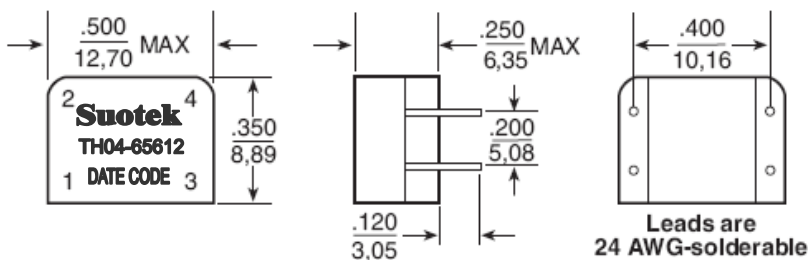


Electrical Specifications @ 25°C --- Operating temperature 0°C To 70°C .

Part Number	Turns Ratio (±5%)	Primary Inductance (mH ±20%)	L _L (μH) MAX	Rise Time (nsec) MAX	ET (V-μsec) MIN	Isolation (Vrms) MIN	Bandwidth (100 KHz- 55 MHz) TYP	Return Loss (100kHz-10MHz) MIN	Schematic
TH04-65612	1:1	2.5	.50	25	20	2000	3 dB	20 dB	THT
S08-65812	1:1	2.5	.50	25	20	2000	3 dB	20 dB	SMT

Mechanical Dimensions

Schematics



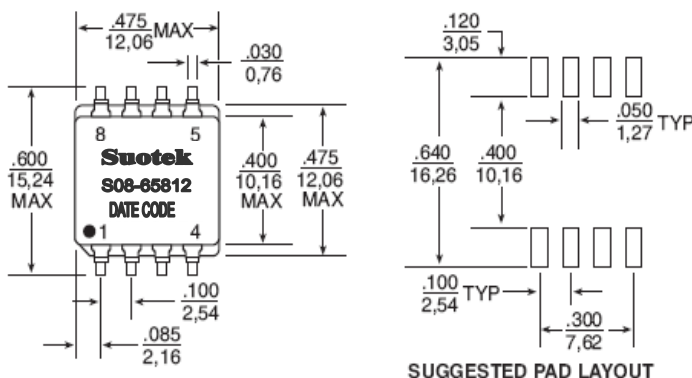
TH04-65612

Dimensions: $\frac{\text{Inches}}{\text{mm}}$

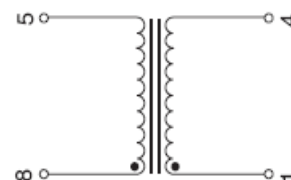
Unless otherwise specified all tolerances are $\pm \frac{.010}{0,25}$

Mechanical Dimensions

Schematics



S08-65812



Dimensions: $\frac{\text{Inches}}{\text{mm}}$

Unless otherwise specified all tolerances are $\pm \frac{.010}{0,25}$

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