

CRITCHLEY HD SL TRANSFORMERS

6H221 / 6H222



- For use with the following Chipsets:

Conexant	BT8970 & RS8973 1168 kbps
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- Designed to meet the characteristics required for the relevant ANSI / ETSI recommendations.
- Up to 200mA of DC Current (Line Side)
- Available in both Conventional and SMD Styles.

ELECTRICAL SPECIFICATION*						
Inductance @ 10 kHz 0.1 Vrms.	Leakage Inductance @ 100 kHz 0.1 Vrms.	Turns Ratio	DC Resistance (max.)		Coupling Capacitance	Voltage Test (for 2 secs.)
1 - 4 (s/c 2-3)	1 - 4 (s/c 2-3, 6-7,5-8)	5 - 8 : 1 - 4 (s/c 6-7, 2-3)	5 - 8 (s/c 6-7)	1 - 4 (s/c 2-3)	5 - 8 : 1 - 4 (s/c 6-7, 2-3) @10kHz	5 - 1 (s/c 6-7, 2-3)
2.0 mH ± 10 %	< 20.0 μH	1 : 2	0.75 Ω	1.75 Ω	< 58 pF	2000V

* At 23°C

SCHEMATIC	MECHANICAL SPECIFICATION		
<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>IC</p> </div> <div style="text-align: center;"> <p>LINE</p> </div> </div> <p style="text-align: center;">Turns Ratio 1 : 2</p> <p>This component is tested to :</p> <p style="text-align: center;">IEC 68-2-14:1984 Nb (temperature range: -40°C to +125°C).</p> <p>Approximate Weight....8 grams</p>	<div style="text-align: center; color: red;"> <p>Through Hole Style - 6H221</p> </div> <div style="text-align: center; color: red;"> <p>Surface Mount Style - 6H222</p> </div> <p style="text-align: center;">Dimensions in mm</p>		

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