

ISDN U-INTERFACE TRANSFORMERS

For Applications with 2B1Q and 4B3T Coding



Additional Specifications

Return Loss (2B1Q) (10 and 25Hz)	Longitudinal Balance (2B1Q)		Longitudinal Balance (4B3T)		Surge Voltage Resistability (ALL)	
20dB MIN	28Hz to 40kHz	55dB MIN	5kHz	20dB MIN	Metallic @ 800V Peak	10/700µsec
—	Above 40kHz	-20dB/decade	20kHz-150kHz	40dB MIN	Long. @ 2400V Peak	10/560µsec
—	—	—	1MHz	36dB MIN	—	—

Transformer Selection

Company	Chip	Coding	Transformer 2000Vrms Isolation	Transformer High Isolation Models
Motorola	MC145472	2B1Q	PE-65579	—
Motorola	MC145572	2B1Q	PE-68628	PE-68668
National	TP 3410	2B1Q	PE-65583 ⁽¹⁾	PE-68631
			PE-65584 ⁽¹⁾	PE-68681
Siemens	PEB 2091	2B1Q	PE-65575 ⁽⁴⁾	PE-68669
Siemens	PEB 2090 PEB 20901	4B3T	PE-65578	—
Thomson	SD 5411	2B1Q	PE-65581	—

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