

ISDN MAGNETICS

UPO Interface Transformers

TM00208

- Operates as a pulse transformer at 384 Kbps in ISDN U interface applications
- Qualified per Bellcore TR-TSY-000357-1
- Primary winding can withstand 70mA of direct current
- Minimum interwinding breakdown voltage of 1500 Vrms

ELECTRICAL SPECIFICATIONS at 25° C

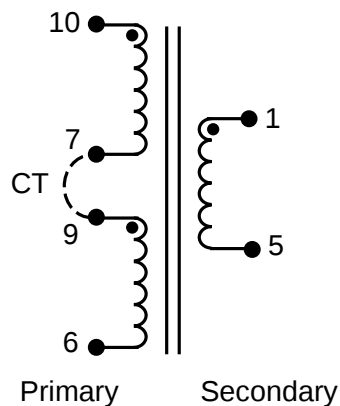
Part Number	Turns Ratio ± 2%	Primary Inductance ¹ mH min	Leakage Inductance ² μH max	DCR Ω max		Interwinding Capacitance ² pF max
				Pri	Sec	With terminals 7 & 9 connected
2718BD2	1CT : 1.25	2.5	15	3.6	3.4	60
2718BG2	1CT : 2	2.1	11.5	2.7	6.1	60

¹ Measured at 1 kHz, 0.1 Vac

² Measured at 100 kHz, 0.01 Vac

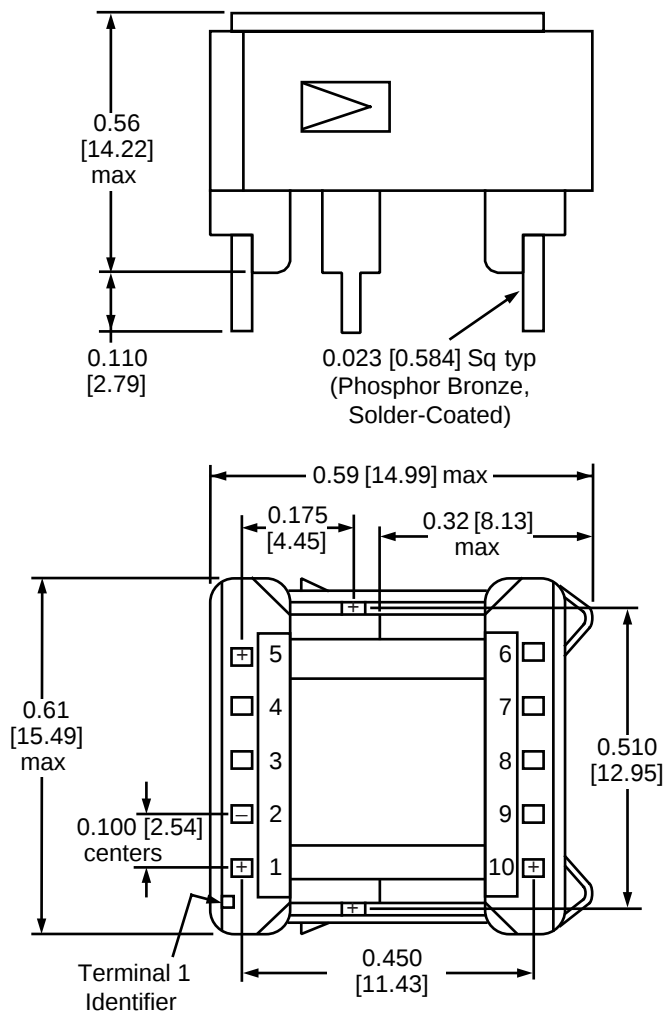
Part Number	Compatible Transceiver ICs	
	IC Mfr	IC Part Number
2718BD2	Siemens	PEB2095
2718BG2	Siemens	PEB2096

SCHEMATIC



MECHANICAL

2718BD2 2718BG2



Note: Unless otherwise specified, dimensions are nominal and in inches [millimeters].

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