

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

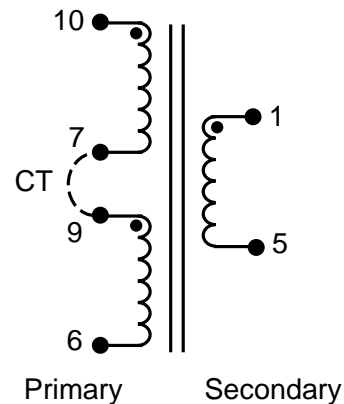
| Part Number | Turns Ratio ± 2% | Primary Inductance ¹ mH min | Leakage Inductance ² µH max | DCR Ω max | | Interwinding Capacitance ² pF max |
|-------------|---------------------|---|---|-----------------|-----|---|
| | | | | Pri | Sec | With terminals 7 & 9 connected |
| 2718BD2 | 1CT : 1.25 | 2.5 | 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

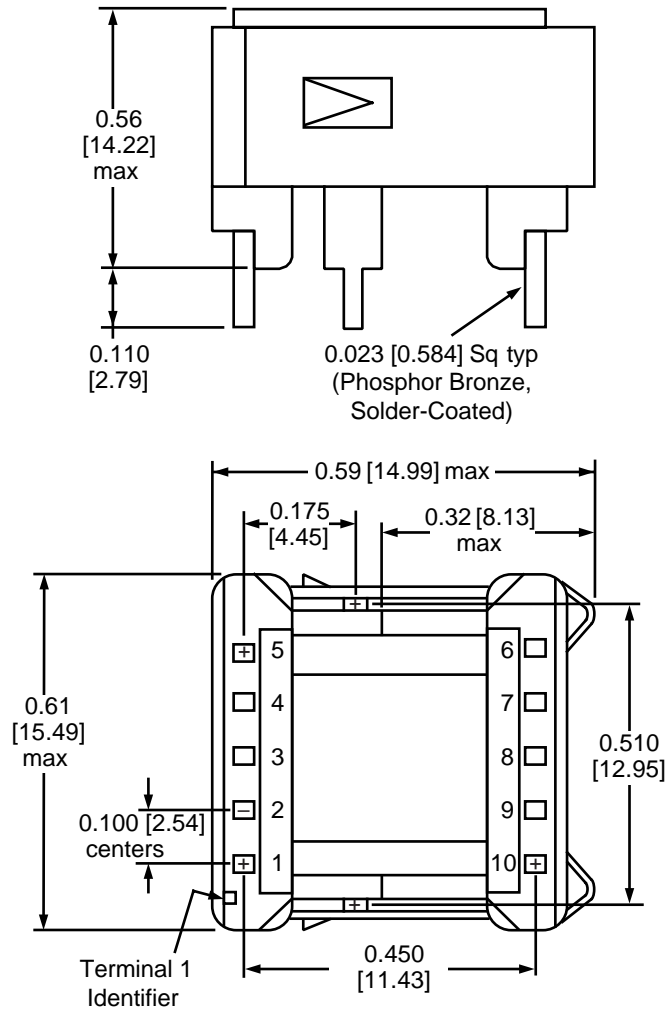
| Part Number | Compatible Transceiver ICs | |
|-------------|----------------------------|----------------|
| | IC Mfr | IC Part Number |
| 2718BD2 | Siemens | PEB2095 |
| 2718BG2 | Siemens | PEB2096 |

SCHEMATIC



MECHANICAL

2718BD2
2718BG2



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

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