

# 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

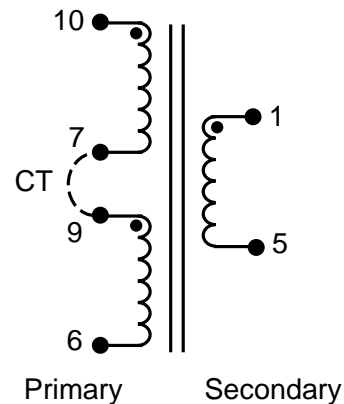
Part Number	Turns Ratio ± 2%	Primary Inductance <sup>1</sup> mH min	Leakage Inductance <sup>2</sup> µH max	DCR Ω max		Interwinding Capacitance <sup>2</sup> pF max
				Pri	Sec	With terminals 7 & 9 connected
2718BD2	1CT : 1.25	2.5	15	3.6	3.4	60
2718BG2	1CT : 2	2.1	11.5	2.7	6.1	60

<sup>1</sup> Measured at 1 kHz, 0.1 Vac

<sup>2</sup> Measured at 100 kHz, 0.01 Vac

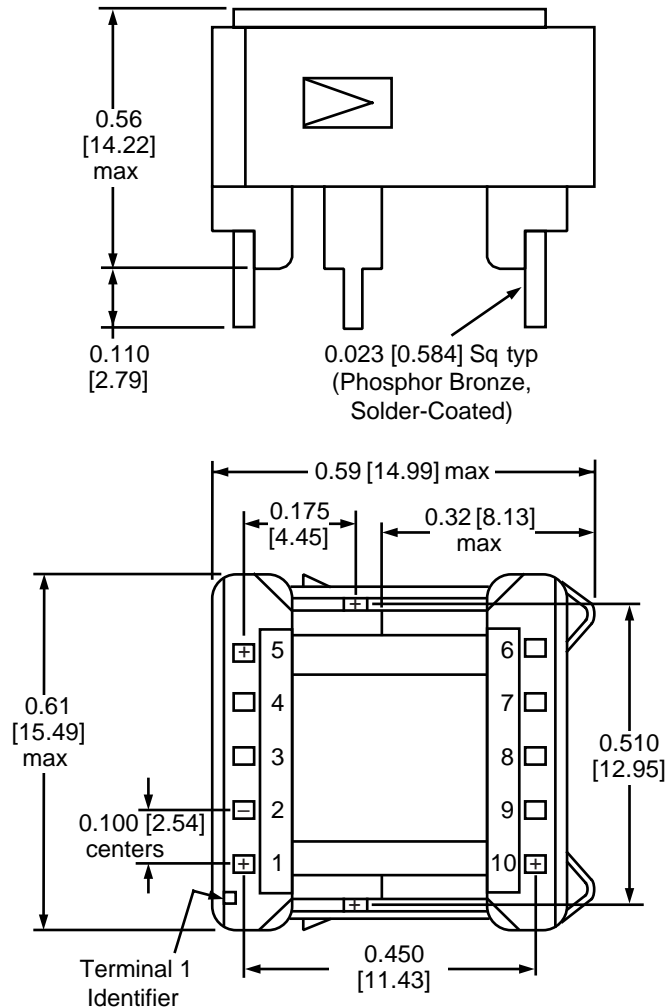
Part Number	Compatible Transceiver ICs	
	IC Mfr	IC Part Number
2718BD2	Siemens	PEB2095
2718BG2	Siemens	PEB2096

### SCHEMATIC



### MECHANICAL

2718BD2  
2718BG2



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

©2000 Bel Fuse Inc. Specifications subject to change without notice. 05.00

#### CORPORATE

**Bel Fuse Inc.**  
198 Van Vorst Street  
Jersey City, NJ 07302  
Tel 201-432-0463  
Fax 201-432-9542  
www.belfuse.com

T2-20

#### FAR EAST

**Bel Fuse Ltd.**  
8F / 8 Luk Hop Street  
San Po Kong  
Kowloon, Hong Kong  
Tel 852-2328-5515  
Fax 852-2352-3706  
www.belfuse.com

#### EUROPE

**Bel Fuse Europe Ltd.**  
Preston Technology Management Centre  
Marsh Lane, Suite G7, Preston  
Lancashire, PR1 8UD, U.K.  
Tel 44-1772-556601  
Fax 44-1772-888366  
www.belfuse.com