

**ISDN MAGNETICS**  
UPO Interface Transformer



TM00207

- Minimum interwinding breakdown voltage of 1500 Vrms

**ELECTRICAL SPECIFICATIONS at 25° C**

Part Number	Turns Ratio ± 2%	Primary Inductance* mH min	Leakage Inductance μH max	DCR Ω max		Interwinding Capacitance pF max
				Pri	Sec	
S559-6204-22	1CT : 2	1.75	11.5	4	10	60
S559-6204-18	1CT : 1.25	1.75	11	2.8	4.2	60
S559-6204-21	1CT : 1CT	6.50	3	1.3	1.5	60

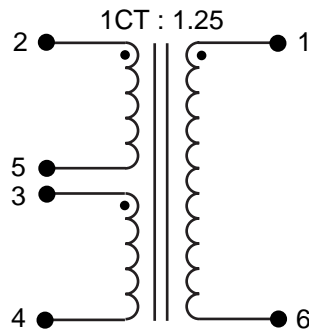
\* Measured at 10 kHz, 0.1 Vac

Part Number	Compatible Transceiver ICs	
	IC Mfr	IC Part Number
S559-6204-22	Siemens	PEB2096
S559-6204-18	Siemens	PEB2095

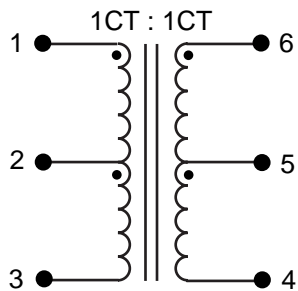
## ISDN MAGNETICS UPO Interface Transformer

### SCHEMATICS

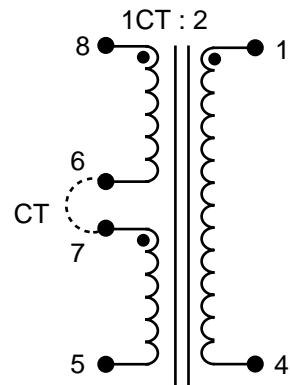
S559-6204-18



S559-6204-21



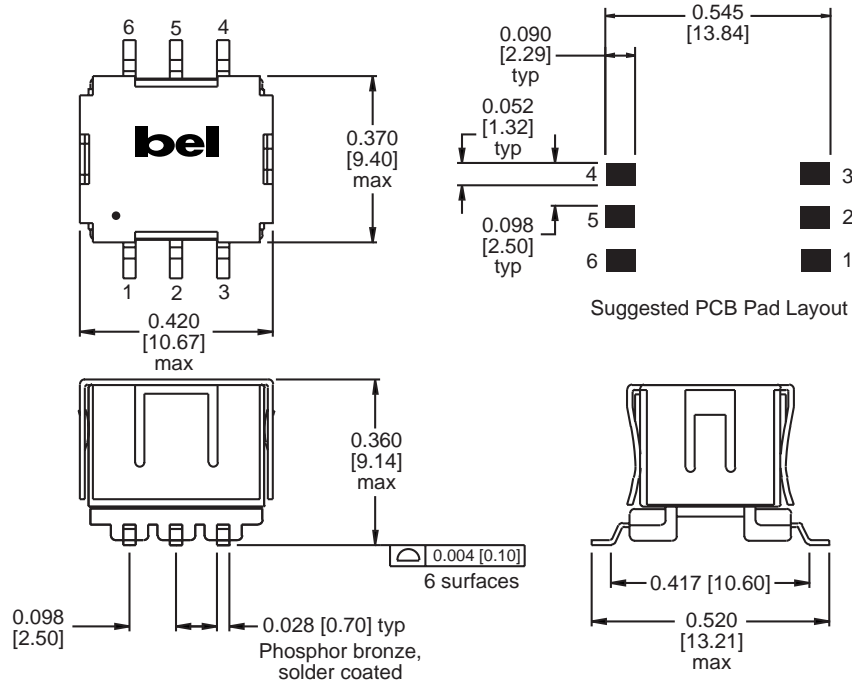
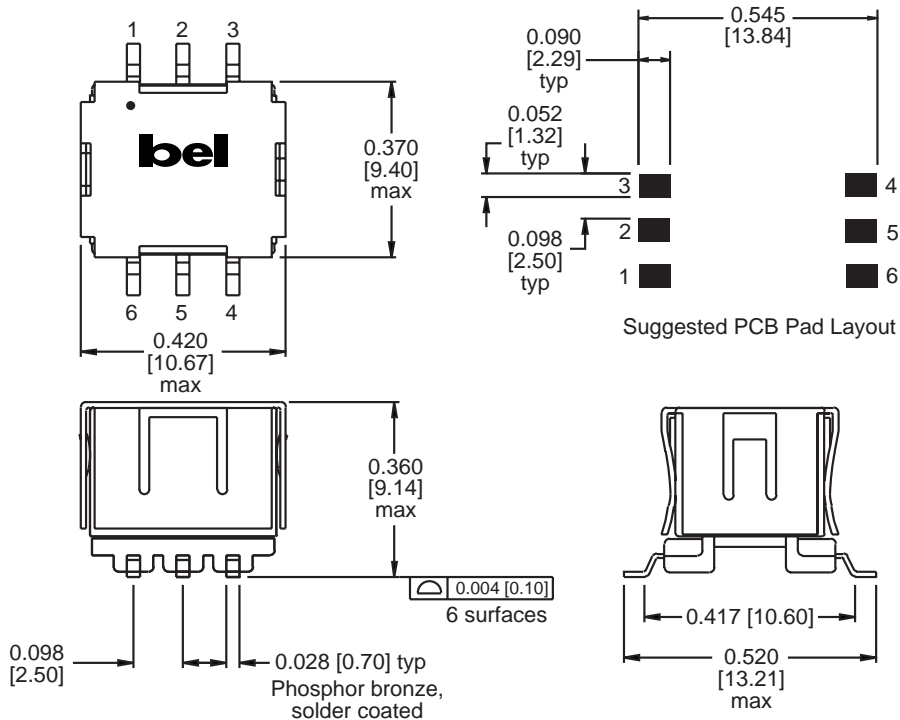
S559-6204-22



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## UPO Interface Transformer

### MECHANICAL

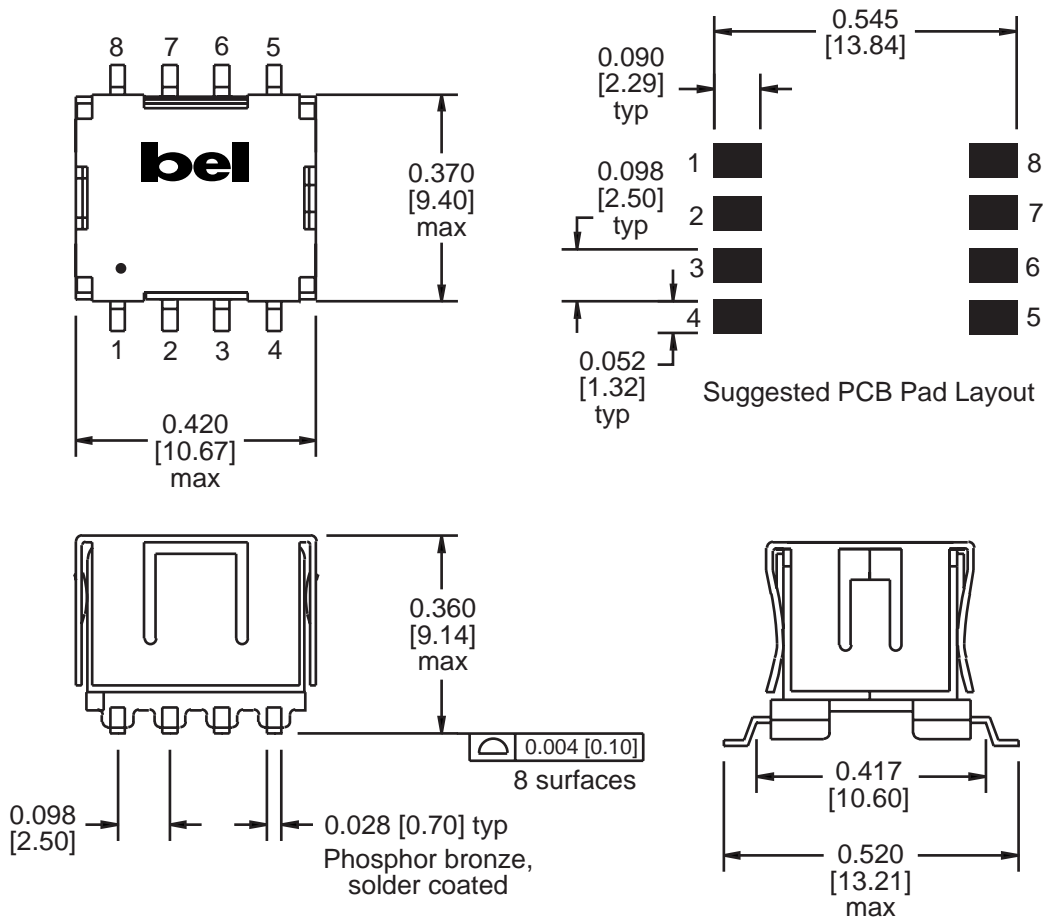
**S559-6204-18**

**S559-6204-21**


Dimensions are in inches [millimeters].  
 Standard dimension tolerance is  $\pm 0.005$  [0.13] unless otherwise noted.

TM00207

### MECHANICAL

S559-6204-22



Dimensions are in inches [millimeters].  
Standard dimension tolerance is  $\pm 0.005$  [0.13] unless otherwise noted.

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