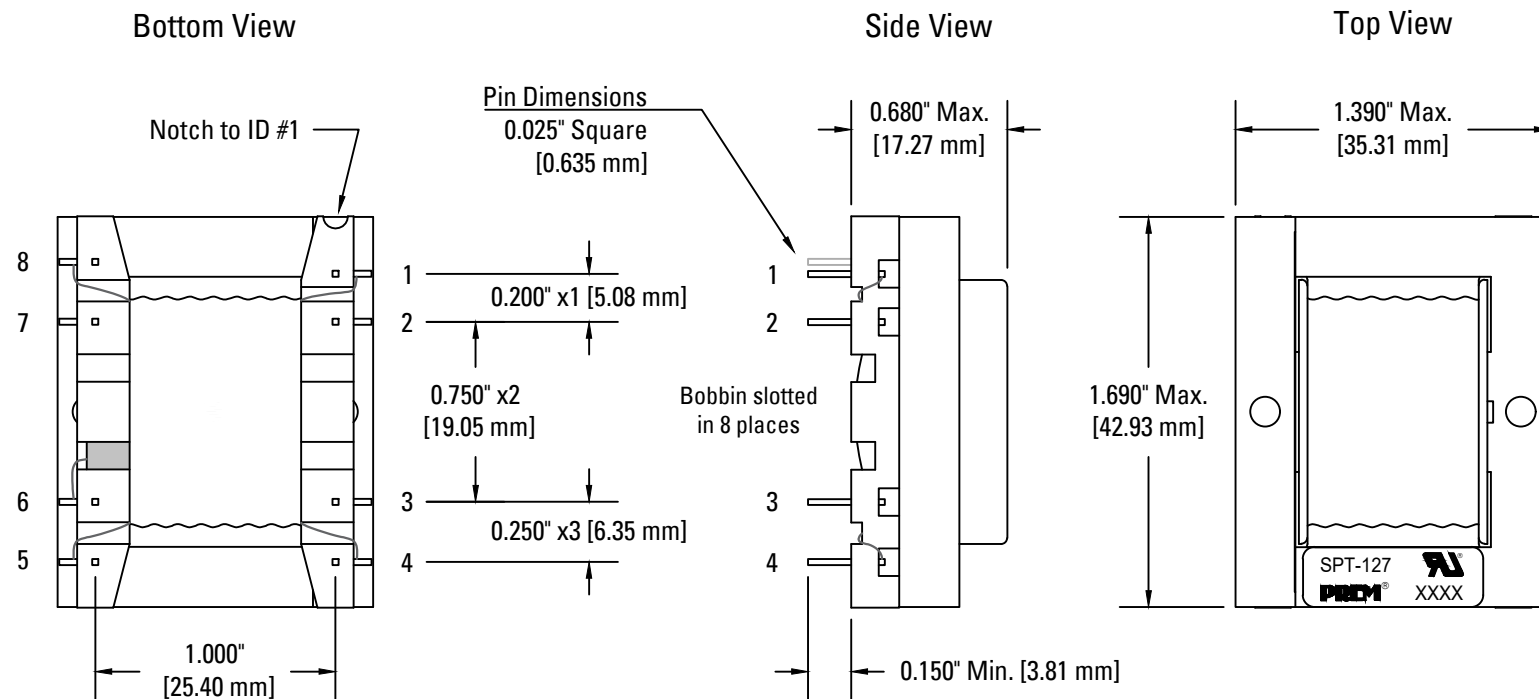


Prem's **SPT-127** is a PC mount, voice & data transformer with a wire-wound shield between the primary and secondary windings.

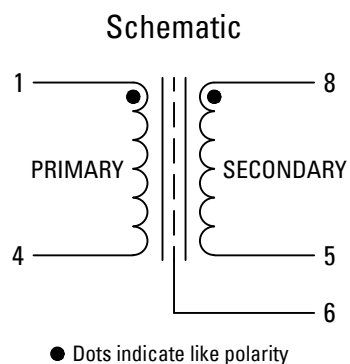
- UL-recognized component: UL 1863 (File E138250)
- Suitable for V.29 modems (9.6 kbps)
- Dielectric strength: 2400 VDC for 1 second
- Designed for wet data circuits (120 mADC)
- Impedance ratio: 600 Ω to 600 Ω
- UL 94V-0-rated bobbin

SPT-127 Data Sheet

AGENCY CERTIFICATIONS:
UL 1863 (File E138250)



All dimensions for reference only.



ELECTRICAL SPECIFICATIONS

Primary Impedance (1 - 4) *	600 Ω
Secondary Impedance (8 - 5)	600 Ω
Maximum DC Unbalance	120 mA
Turns Ratio	1 : 1 ± 2%
Primary DCR (1 - 4)	62 Ω ± 10%
Secondary DCR (8 - 5)	100 Ω ± 10%
Frequency Response *	± 0.5 dB from 300 Hz - 3.5 kHz, 1 kHz Ref.
Insertion Loss *	1.30 dB Nom. @ 1 kHz
Return Loss *	11.0 dB Min. @ 300 Hz
Longitudinal Balance *	60 dB Min. per IEEE
Total Harmonic Distortion *	0 dBm @ 300 Hz: -65 dB Typ.
Dielectric Strength (Pri. to Sec. to Core)	2400 VDC (1 second)
* Note: These tests utilize a resistive load of 600 Ω on the secondary to reflect 760 Ω & 120 mADC on the primary.	

1/22/19 | -7 | Updated data sheet format & contents; removed obsolete "slotted in 4 places" note | AG

2/18/16 | -6 | Updated data sheet & added millimeters | TJK

9/17/93 | -5 | Changed THD spec (was in % distortion) | TJK

5/17/89 | -4 | Changed width & length dims, were 1.350" & 1.650" | TJK

5/16/85 | -3 | Updated | WDE

DATE | ISS. | REVISION | BY

Designed by: GG 6/21/85
 Drawn by: AG 1/21/19
 Checked by: DB & TJK
 Drawing no.: B-SPT-127-7

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