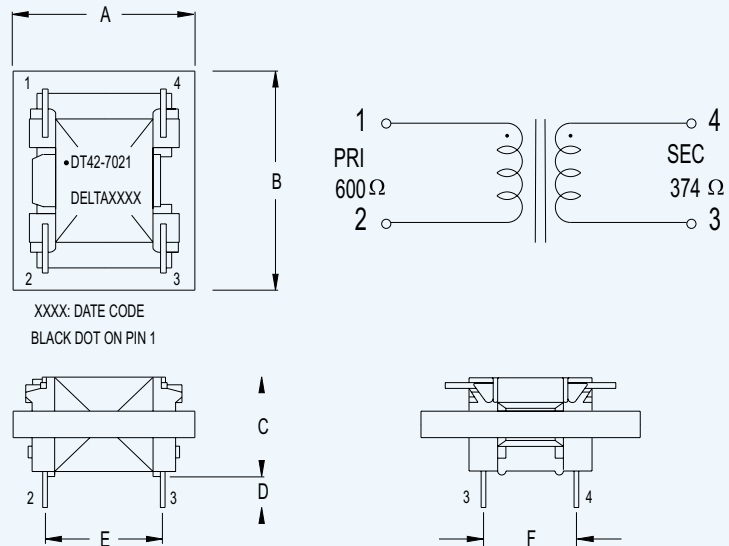




Telecommunication MODEM Transformer Transformers

DT42-7021



DIMENSIONS IN mm

A	B	C	D	E	F	G
24.0 MAX.	26.0 MAX.	12.0 MAX.	4.0±0.5	14.0±0.2	11.4±0.2	

ELECTRICAL CHARACTERISTICS	
URNS RATIO	1:1±2% @1KHz, 1V
INDUCTANCE	10H Min. @200Hz, 1V PARALLEL
IMPEDANCE	600 Ω±3% @1KHz, 0 dBm
PHASE	±10 deg. @150Hz ~ 4KHz
D.C. RESISTANCE	PRI: 108Ω ± 10% SEC: 120Ω ± 10%
INSERTION LOSS	2.0±0.25 dB
FREQUENCY RESPONSE	±0.25 dB @150Hz~4KHz
RETURN LOSS	30 dB Min. @150Hz~4KHz
LONGITUDINAL BALANCE	60 dB Min. @1KHz~1KHz 40 dB Min. @1KHz~4KHz
TOTAL HARMONIC DISTORTION	-80 dB Max. @150Hz, -10dBm -86 dB Max. @600Hz, -10dBm
DIELECTRIC STRENGTH	1250 VAC, 2 SEC @PRI TO SEC @ PRI TO CORE

DELTA ELECTRONICS, INC.

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