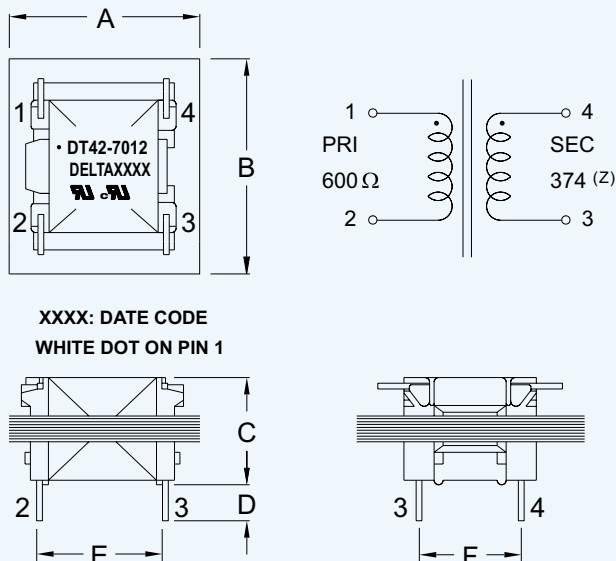




Telecommunication MODEM Transformer Transformers

DT42-7012



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	

DIMENSIONS IN mm

Z (Ω)
301

ELECTRICAL CHARACTERISTICS	
URNS RATIO	1:1 $\pm 2\%$ @1KHz, 1V
INDUCTANCE	20H Min. @200Hz, 1V, PARALLEL
IMPEDANCE	600 $\Omega \pm 3\%$ @1KHz, 1V
PHASE	± 10 deg. @200Hz~4KHz
D.C. RESISTANCE	PRI: 150 $\Omega \pm 10\%$ SEC: 150 $\Omega \pm 10\%$
INSERTION LOSS	3.0 ± 0.5 dB @1KHz, 0 dBm
FREQUENCY RESPONSE	± 0.2 dB @200Hz~4KHz
RETURN LOSS	30 dB Typ. @1KHz
LONGITUDINAL BALANCE	60 dB Min. @60Hz~1KHz 40 dB Min. @1KHz~4KHz
TOTAL HARMONIC DISTORTION	-79 dB Max. @150Hz, -10 dBm -86 dB Max. @600Hz, -10 dBm
DIELECTRIC STRENGTH	1250 VAC, 2 SEC @PRI TO SEC @PRI TO CORE

DELTA ELECTRONICS, INC.

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