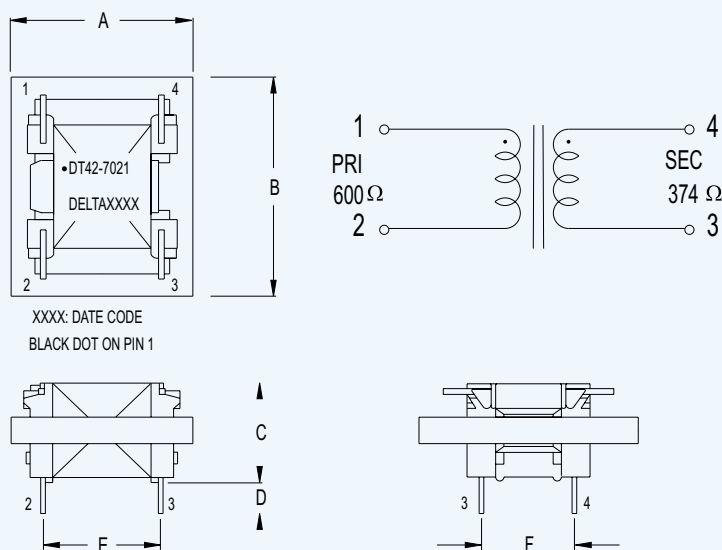




Telecommunication MODEM Transformer Transformers

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.

(TAOYUAN PLANT CPBG) 31-1, SHIEN PAN ROAD, KUEI SAN INDUSTRIAL ZONE, TAOYUAN SHIEN, TAIWAN, R.O.C.

TEL: 886-3-3626301 FAX: 886-3-3618901

<http://www.deltaww.com>