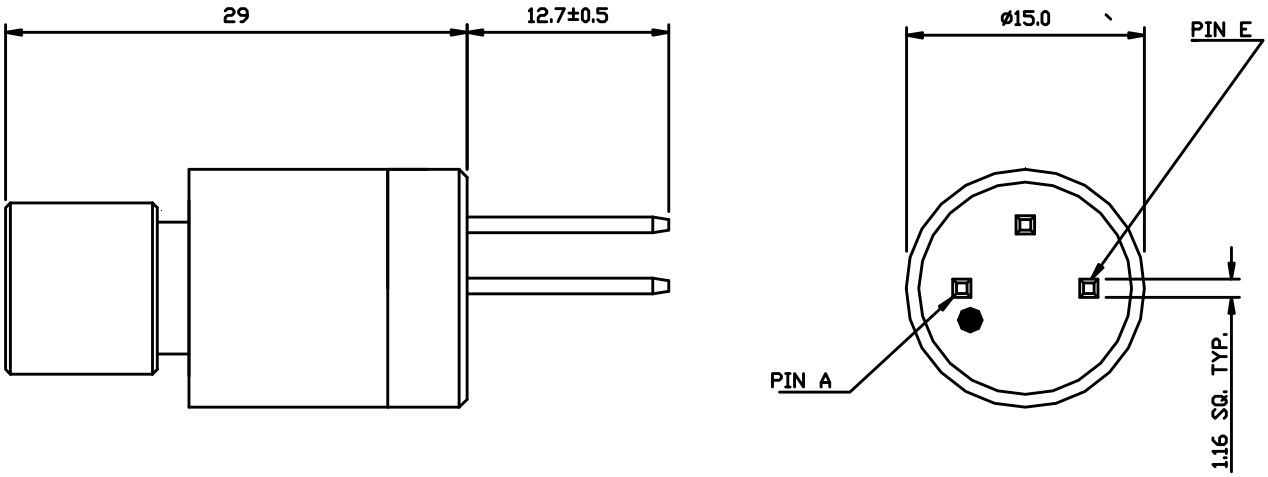
ACE AND TELECOMMUNICATIONS

BALUN 1.6/5.6 (M)
To Wire Wrap
75-120 Ω, 2-8 Mbit/s

B04 001 016



ELECTRICAL

Matching Impedance:	75 ohm unbalanced coaxial to 120 ohm balanced twisted pair
Bit Rates:	2Mbit/s and 8Mbit/s as ITU-T Recommendation G.703 Line Code
Return Loss:	2Mbit/s and 8Mbit/s as per G.703 requirements
Insertion Loss:	<0.25dB @ 1.024MHz and <0.4dB from 0.1kHz to 10MHz
Cross Talk:	>80dB from 0.1kHz to 10MHz between 2 baluns mounted 20.64mm apart
Pulse Shape:	2Mbit/s and 8Mbit/s as per G.703
Signal Levels:	2.37V nominal peak voltage for 2Mbit/s and 8Mbit/s at the coaxial end as per G.703

MATERIALS

Body:	Brass Alloy AS 1567 Type 385. Finish Cu/Ni
Insulator:	PTFE
Inner Contact:	Brass Alloy AS 1567 Type 385. Finish Cu/Ni/Au
Outer Sleeve and Base Moulding:	Noryl Black
Wire Wrap Pin	Brass Alloy AS 1567 Type 385. Finish Cu/Si

COAXIAL CONNECTOR (75 ohm)

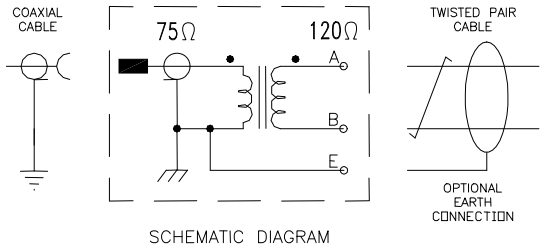
1.6/5.6 Male

IDC CONTACTS

Wire Size:	0.4mm to 0.65mm conductor diameter, Insulation diameter 0.7mm to 1.4mm.
Finish:	Silver plated
Mating Cycles:	50

ENVIRONMENTAL

Working Temperature: -10 ℃ to 75 ℃



SCHEMATIC DIAGRAM

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