Electrical

(REV. 01)

ELECTRICAL SPECIFICATIONS

OPERATING TEMPERATURE RANGE: : −40°C TO +85°C

ATTENUATION:

		TRANSMIT	RECEIVE
0.5 MHZ	:	0.5 dB MAX.	0.5 dB MAX.
16 MHz	:	1.0 dB MAX.	1.0 dB MAX.
24 MHz	:	1.5 dB MAX.	1.5 dB MAX.
36 MHz	:	27.0 dB MIN.	27.0 dB MIN.
44 MHz	:	30.0 dB MIN.	30.0 dB MIN.

RETURN LOSS:

1MHz TO 16MHz	:	16dB MIN.	16dB MIN.
16 TO 24MHz	:	9dB MIN.	9dB MIN.

COMMON MODE ATTENUATION:

5MHz	:	20dB MIN	20dB MIN
20MHz	:	25dB MIN	25dB MIN
200MHz	:	20dB MIN	20dB MIN

COMMON TO DIFFERENTIAL MODE ATTENUATION:

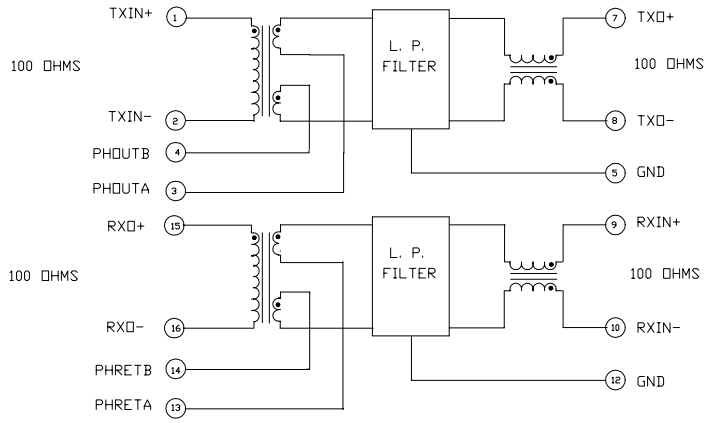
10MHz	:	65dB MIN	65dB MIN
100MHz	:	25dB MIN	25dB MIN

CROSS TALK ATTENUATION: (TX TO RX)

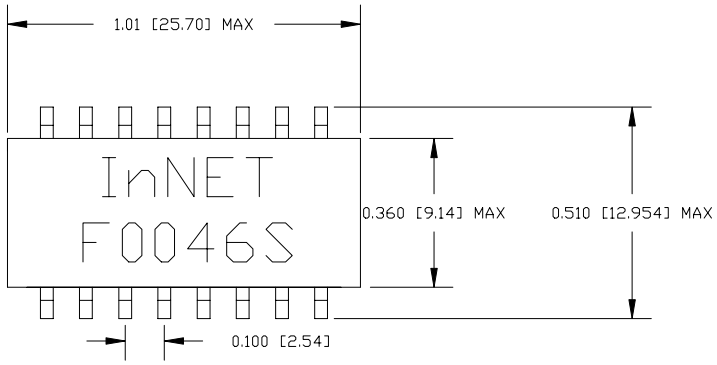
4MHz	:	50dB MIN.
10MHz	:	45dB MIN.
16MHz	:	40dB MIN.
25MHz	:	38dB MIN.

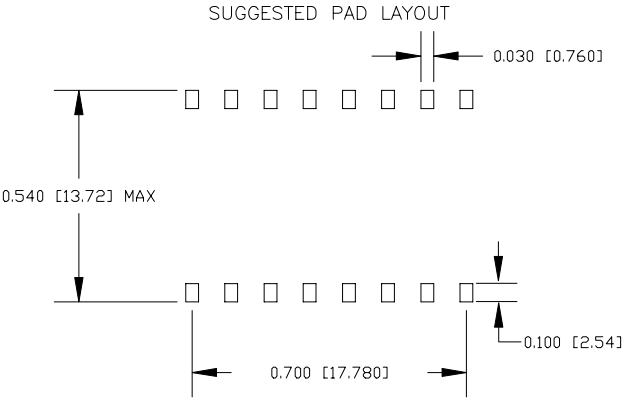
DIELECTRIC VOLTAGE WITHSTAND:

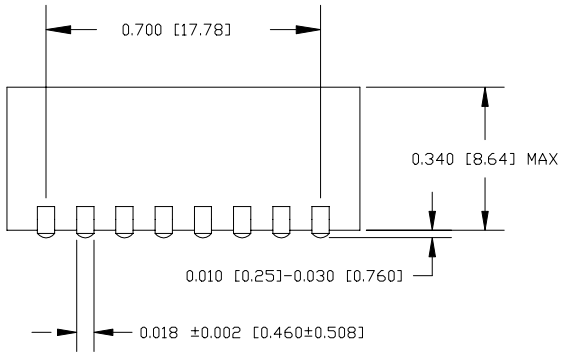
(1,2) TO (7,8)	:	600 Vrms FOR 60 SECONDS
(9,10) TO (15,16)	:	600 Vrms FOR 60 SECONDS

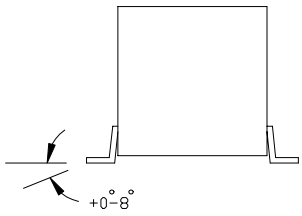


Mechanical









NOTES:

1.0 LEADS MEET THE SOLDERABILITY REQUIREMENTS TO MIL−STD−202 METHOD 208.

2.0 COPLANARITY OF PINS IS .004 [0.102] MAX.

3.0 THE CASE IS UL 94 V−0 BLACK PLASTIC.

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