PRODUCT DATASHEET

PART NUMBER: CX6105

PRELIMINARY

- Diplexer 5-870/975-1525 MHz
- Suitable for MoCA Applications / FTTP-ONT
- Impedance = 75 Ohms
- Surge Protection 10/1000 uS, 3KV, 120A
- Operating Temperature = -40℃ to 85℃

Electrical

INSERTION LOSS: CATV

5-870 MHz	975-1525 MHz					
1.8 dB Max	45 dB Min					

INSERTION LOSS: WAN

5-600 MHz	601-870 MHz	975-1025 MHz	1125-1324 MHz	1325-1525 MHz	2000 MHz	
50 dB Min	40 dB Min	4.0 dB Max	44 dB Min	45 dB Min	50 dB Min	

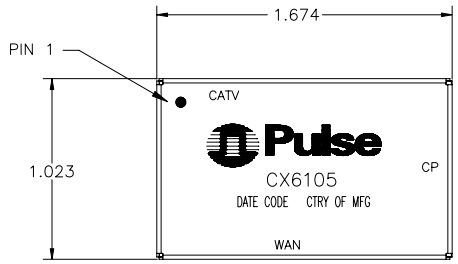
INSERTION LOSS: WAN to CATV

5-600 MHz	601-870 MHz	975-1025 MHz	1125-1525MHz	2000-3000 MHz	3000-4600 MHz	4600-6000 MHz
55 dB Min	37 dB Min	45 dB Min	50 dB Min	30 dB Min	30-25 dB Min	25-5 dB Min

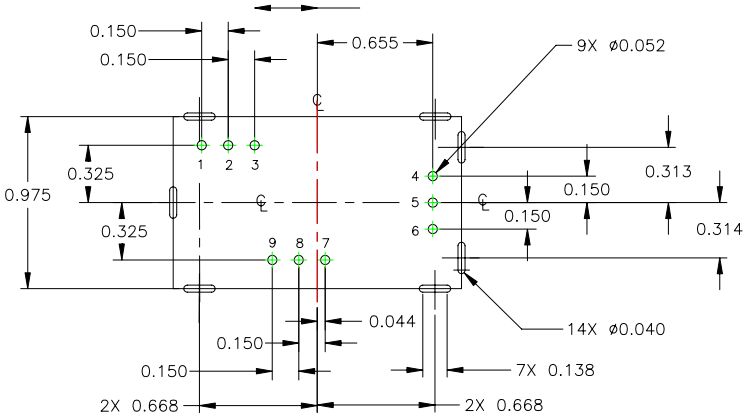
RETURN LOSS

5-870 MHz	975-1025 MHz					
12 dB Min	8 dB Min					

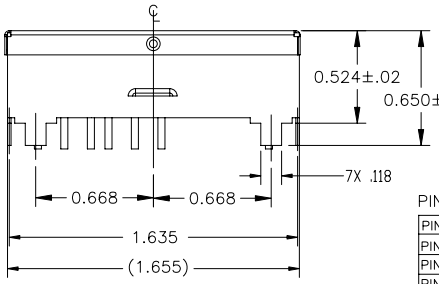
Mechanical

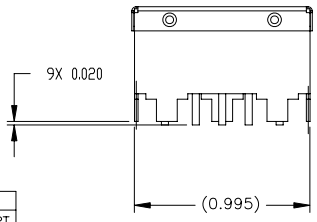


TOP VIEW



TOP VIEW
SUGGESTED PAD LAYOUT





PIN DESIGNATIONS:

PIN 2	CATV
PIN 5	COMMON PORT
PIN 8	WAN
PINS 1,3,4	GND
PINS 6,7,9	GND

Dimensions: Inches

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