

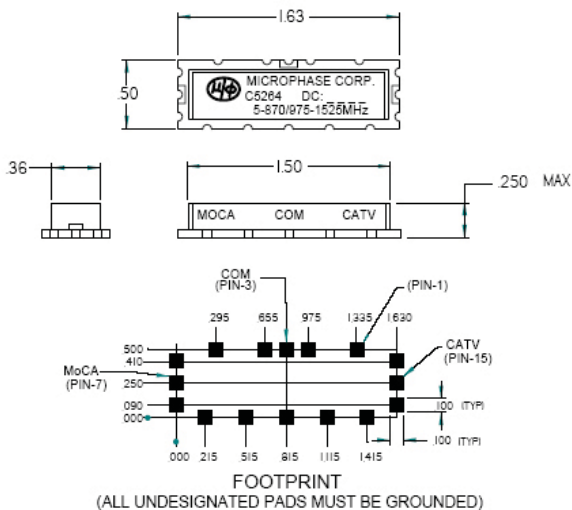
# Diplexer

## C5264



Surface Mount  
< 1 in.<sup>2</sup> Footprint  
Low Profile

Satellite



Characteristic Impedance  
(75 Ohms from Common to 75 Ohms CATV)  
(75 Ohms from Common to 50 Ohms LAN)  
Operating Temperature -40°C to +85°C

### SPECIFICATIONS - CATV to Common

Parameter	Frequency	Specification
Insertion Loss	5 - 870 MHz	1.6 dB max.
Return Loss	5 - 870 MHz	14 dB min.
Rejection	975 - 1525 MHz 2000 - 3000 MHz	40 dB min. 30 dB min.

### SPECIFICATIONS - MoCA to Common

Parameter	Frequency	Specification
Insertion Loss	975 - 1525 MHz	2.5 dB max.
Return Loss	975 - 1525 MHz	10 dB max.
Rejection	5 - 870 MHz 2000 - 3000 MHz	35 dB max. 30 dB max.

### SPECIFICATIONS - CATV to MoCA

Parameter	Frequency	Specification
Rejection	5 - 870 MHz 975 - 1525 MHz 2000 - 3000 MHz	35 dB min. 35 dB min. 30 dB min.



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*These units can be designed to your specification. Please contact Microphase for your special design requirements.*