



**NIC**

NETWORKS INTERNATIONAL CORPORATION

09/22/2010

15237 Broadmoor

Overland Park, KS 66223 USA

P: 913-685-3400 | F: 913-685-3732

**5850 MHz Bandpass Filter**

**CS-268**

Filter Specifications	
Parameter	Specifications
Center Frequency (MHz):	5850
1dB Bandwidth (MHz):	300
Insertion Loss:	2.25dB max @ Center Frequency
VSWR:	1.5:1 max in 1dB BW
Passband Ripple (Peak to Valley):	0.5dB max
Attenuation:	60dB min @ < 5200 MHz 50dB min @ < 5300 MHz 40dB min @ > 6425 MHz
Power Handling:	20dBm
Impedance (Input/Output):	50 Ohms
Package Style (Input/Output):	SMT
Operating Temperature:	-20°C to +65°C
Mechanical Dimensions (Inches):	0.83 x 0.51 x 0.19



Email: [sales@nickc.com](mailto:sales@nickc.com)

Web: [www.nickc.com](http://www.nickc.com)



**NIC**

NETWORKS INTERNATIONAL CORPORATION

09/22/2010

15237 Broadmoor

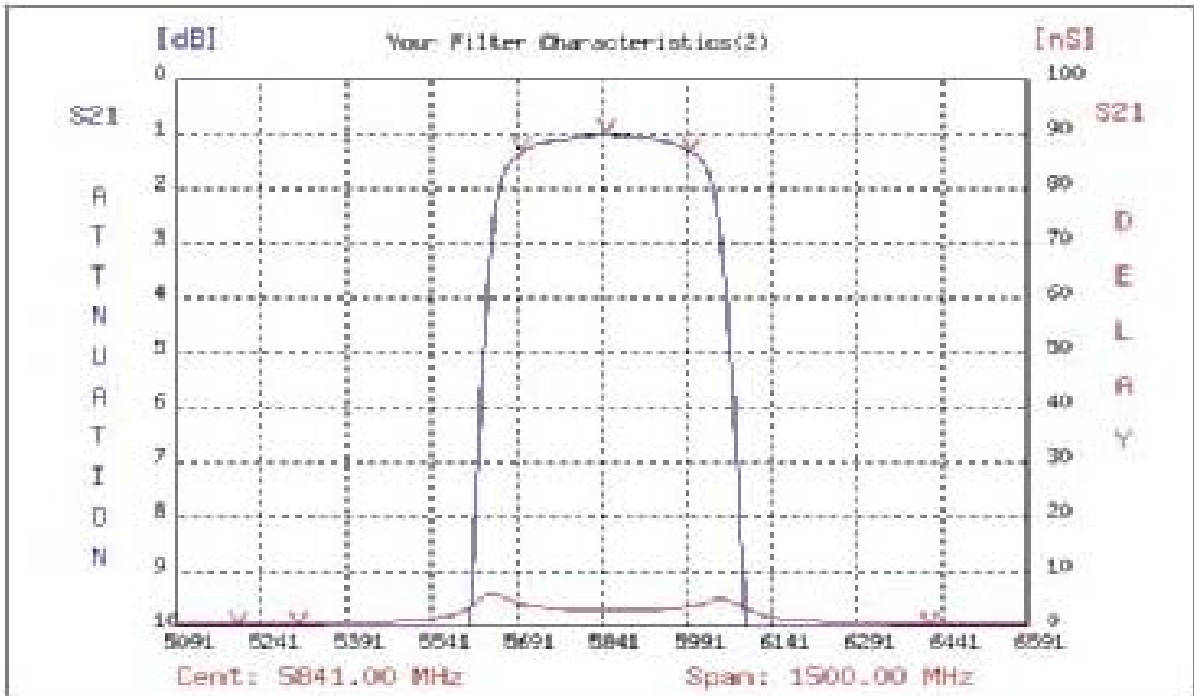
Overland Park, KS 66223 USA

P: 913-685-3400 | F: 913-685-3732

5850 MHz Bandpass Filter

CS-268

Response Plot



Email: [sales@nickc.com](mailto:sales@nickc.com)

Web: [www.nickc.com](http://www.nickc.com)



**NIC**

NETWORKS INTERNATIONAL CORPORATION

09/22/2010

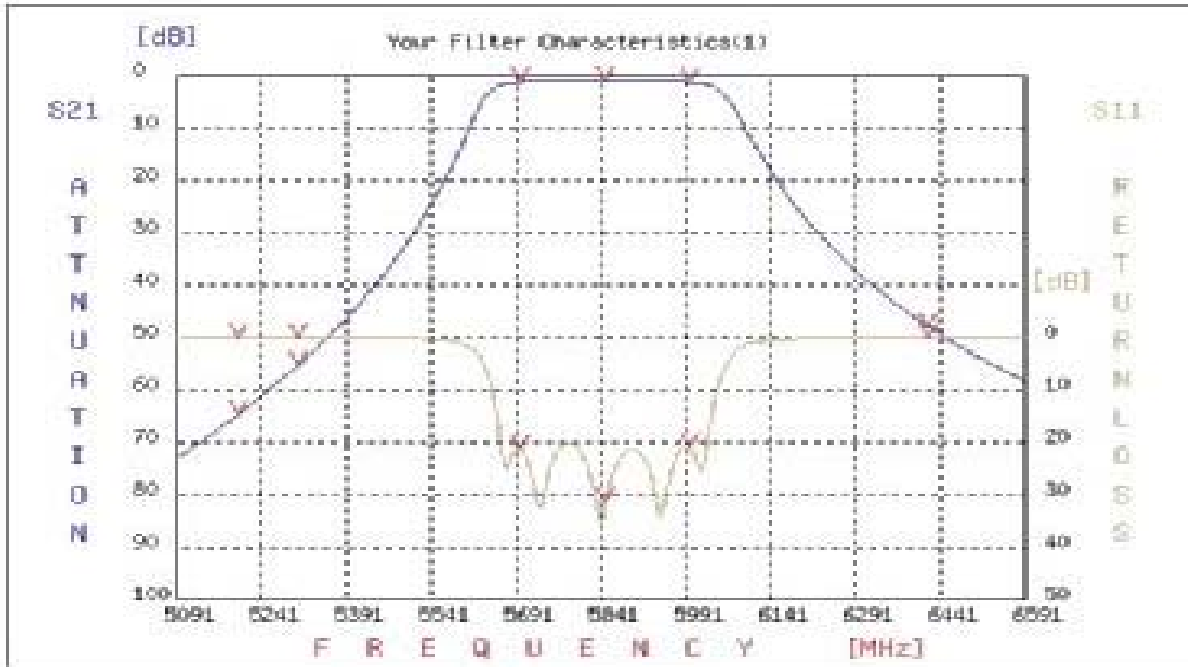
15237 Broadmoor

Overland Park, KS 66223 USA

P: 913-685-3400 | F: 913-685-3732

**5850 MHz Bandpass Filter**

**CS-268**



Email: [sales@nickc.com](mailto:sales@nickc.com)

Web: [www.nickc.com](http://www.nickc.com)



**NIC**

NETWORKS INTERNATIONAL CORPORATION

09/22/2010

15237 Broadmoor

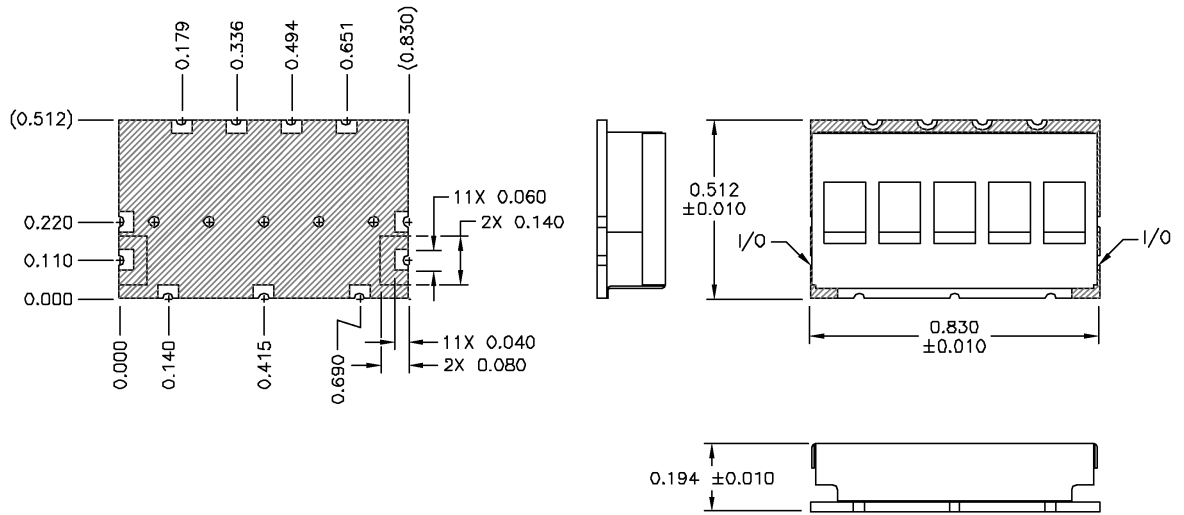
Overland Park, KS 66223 USA

P: 913-685-3400 | F: 913-685-3732

5850 MHz Bandpass Filter

CS-268


### Package Outline



KEY:

I/O = INPUT/OUTPUT

 = EXPOSED METAL/GROUND

 = SOLDER MASK