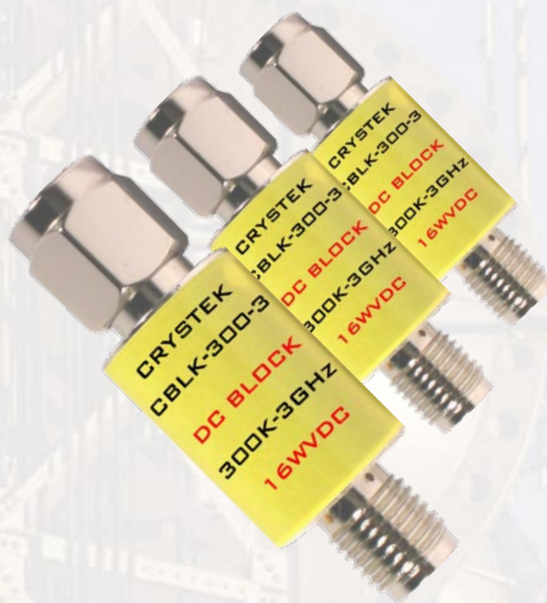




**CRYSTEK**  
**MICROWAVE**  
A DIVISION OF CRYSTEK CORPORATION

# SMA DC Block 300KHz to 3GHz



ACTUAL SIZE

## FEATURES:

- LOW INSERTION LOSS
- FLAT FREQUENCY RESPONSE
- EXCELLENT RETURN LOSS THROUGH 3GHz

## MAXIMUM RATINGS:

- 16 WVDC MAX
- OPERATING TEMP.: -55°C TO 90°C
- STORAGE TEMP.: -55°C TO 125°C

## APPLICATIONS:

- DC BLOCKING
- BROADBAND COUPLING
- TEST AND MEASUREMENT



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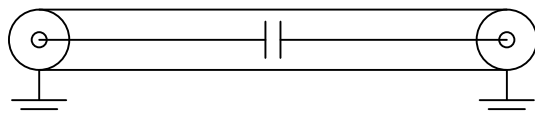
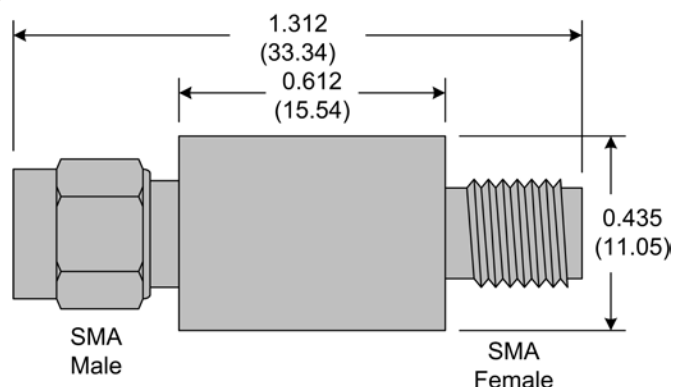
Rev.: A

Date: 10-23-07

# SMA DC Block 300KHz to 3GHz



Freq Range. 300KHz - 3GHz  
 Temperature Range: -55°C to +90°C  
 Storage Temperature: -55°C to +125°C  
 DC Input Voltage: 16 WVDC



| DC Block    |                     | Return Loss |             |
|-------------|---------------------|-------------|-------------|
| Freq. (MHz) | Insertion Loss (dB) | Male (dB)   | Female (dB) |
| 0.3         | 0.02                | 25          | 25          |
| 0.5         | 0.02                | 25          | 25          |
| 0.8         | 0.02                | 25          | 26          |
| 1.0         | 0.02                | 26          | 26          |
| 5.0         | 0.02                | 29          | 33          |
| 10.0        | 0.02                | 33          | 43          |
| 20.0        | 0.02                | 37          | 51          |
| 50.0        | 0.02                | 36          | 44          |
| 100.0       | 0.02                | 35          | 39          |
| 200.0       | 0.02                | 33          | 34          |
| 300.0       | 0.03                | 32          | 31          |
| 400.0       | 0.05                | 31          | 29          |
| 500.0       | 0.06                | 29          | 27          |
| 600.0       | 0.07                | 28          | 26          |
| 700.0       | 0.07                | 27          | 24          |
| 800.0       | 0.08                | 25          | 23          |
| 900.0       | 0.15                | 24          | 22          |
| 1000.0      | 0.15                | 23          | 21          |
| 1500.0      | 0.30                | 21          | 19          |
| 2000.0      | 0.30                | 18          | 18          |
| 2500.0      | 0.30                | 16          | 16          |
| 3000.0      | 0.40                | 14          | 15          |

**Ordering Information**  
**Part Number: CBLK-300-3**



# AMEYA360

Components Supply Platform

Authorized Distribution Brand :



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