

# STEP ATTEN. SMA-F'S 3GHZ 50DB 1DB STEPS

SA3550

## SPECIFICATIONS

### ELECTRICAL:

FREQUENCY: 0-3 GHZ  
 ATTENUATION RANGE: 0-50 DB  
 ATTENUATION STEPS: 1DB  
 LARGE KNOB: 10 DB STEPS  
 SMALL KNOB 1 DB STEPS

VSWR @ 1GHZ: 1.3:1 MAX  
 VSWR @ 2GHZ: 1.4:1 MAX  
 VSWR @ 3GHZ: 1.5:1 MAX  
 POWER (AVG) 2 WATTS @ 25°C  
 POWER (PEAK) 1KW  
 IMPEDANCE: 50 OHMS

### ATTENUATION ACCURACY:

@ 1GHZ:  
 GREATER OF ± .25DB OR 1.5%  
 @ 2GHZ:  
 GREATER OF ± .35DB OR 2.0%  
 @ 3GHZ:  
 GREATER OF ± .50DB OR 3.0%

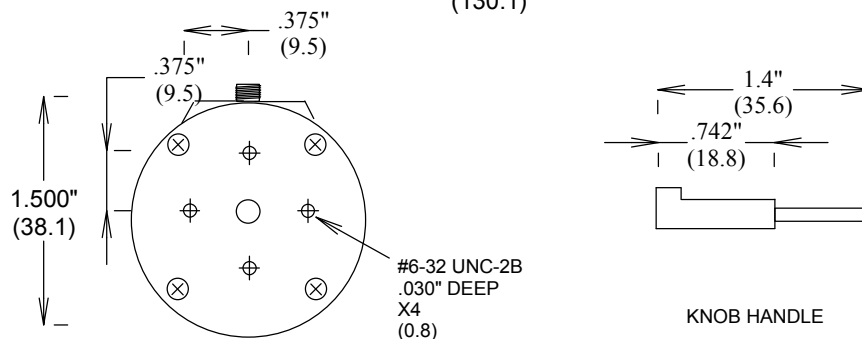
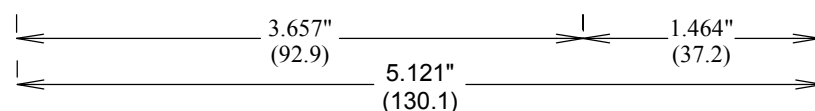
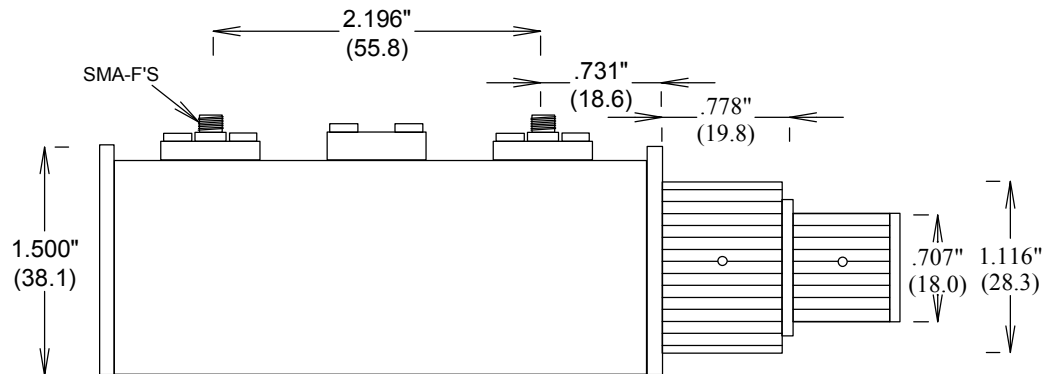
### INSERTION LOSS:

0.6DB MAX @ 1GHZ  
 1.0DB MAX @ 2GHZ  
 1.5DB MAX @ 3GHZ

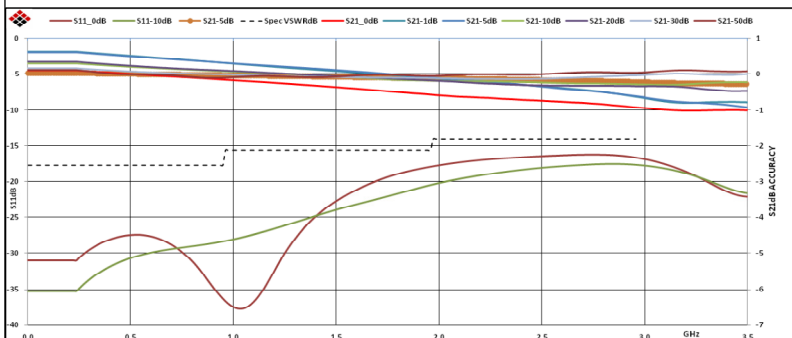
### ENVIRONMENTAL:

TEMP: -55° C TO +100° C

ROHS COMPLIANT



### MEASUREMENTS BELOW ARE TYPICAL



ALL DIMENSIONS IN inches(MM) Typical

## FAIRVIEW MICROWAVE INC.

ALLEN, TX 75013 WWW.FAIRVIEWMICROWAVE.COM

TITLE

STEP ATTEN. SMA-F'S 3GHZ  
 50DB 1DB STEPS

SIZE

CAGE CODE

DWG NO

A

3FKR5

SA3550

REV

B

SCALE

SHEET