

# Isolator

## 1" Special

### Model: DSS1104-A

#### Application - SPACE

- ♦ Output Isolator
- ♦ Solid State Power Amplifiers (SSPA)

#### Benefits

- ♦ Low Loss
- ♦ Minimal Mass
- ♦ Excellent Power Handling
- ♦ Wide Temperature Range



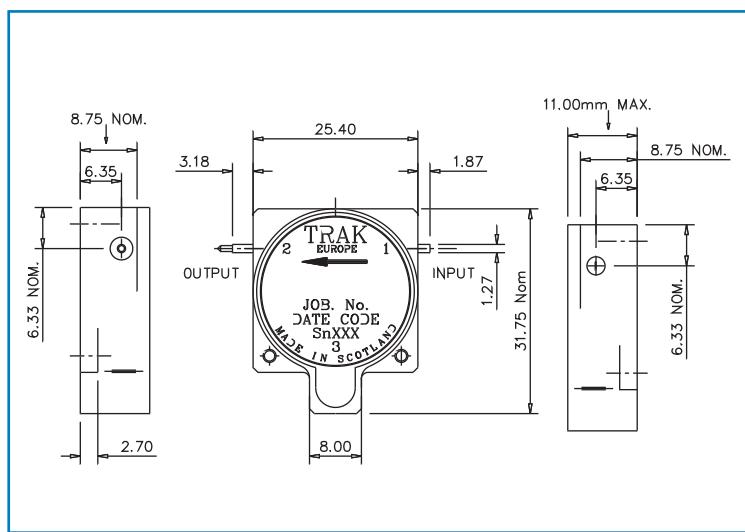
#### Features

- ♦ Stainless Steel Body
- ♦ Nickel Plated
- ♦ Gold Plated Tab and SMA Pin
- ♦ Magnetically Shielded
- ♦ Robust Construction
- ♦ Options: SMA Male or Female, CW/CCW Orientation, Body Finish Bandwidth, Footprint

#### Specifications

Parameter	Specification			Unit	Parameter	Specification			Unit
Frequency	1525 - 1559			MHz	Operating Temp.	Min	Typ	Max	°C
Isolation	Min	Typ	Max	dB	Forward Power	-	-	30	W
Insertion Loss	23	25	-	dB	Reverse Power	-	-	30	W
Return Loss	-	0.15	0.17	dB	Interface	SMA Pin/Tab			-
	20	23	-	dB					

#### Drawing



Dimensions: mm

**TRAK Microwave Limited**

Dunsinane Avenue, Dundee, Scotland DD2 3QF  
Phone: +44 (0)1382 427 200 • Fax: +44 (0)1382 833 599  
E-mail: trakeurope@trak.com • www.trak.com