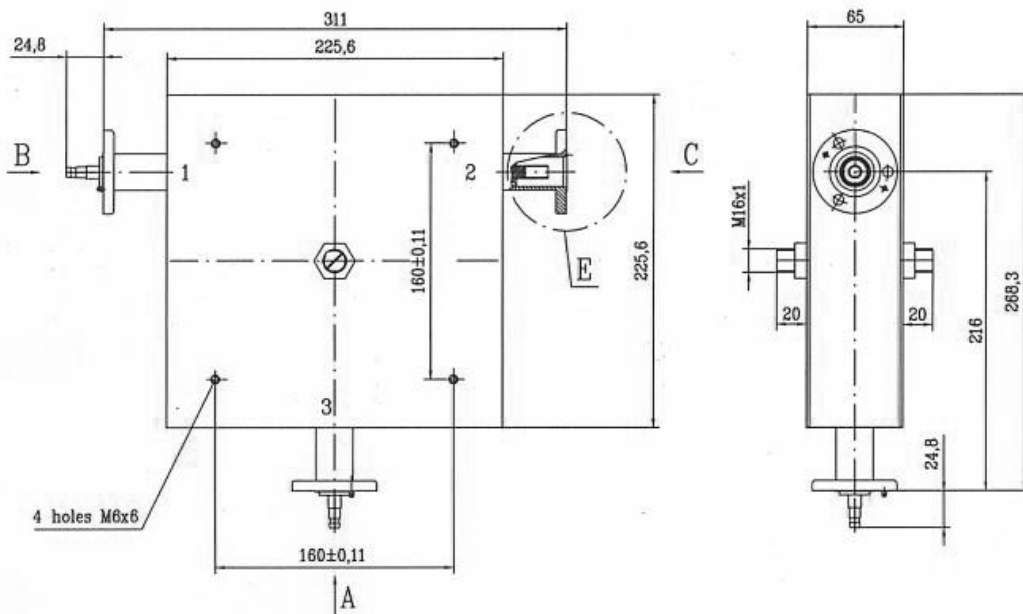


Coaxial Circulator, 144-175MHz 7/8" Type Connectors, 2.5 Kilowatts Continuous Power



Tolerance Table Metric (inch)

(unless otherwise stated):

Hole diameter $\pm 0.1\text{mm}$,
(± 0.004 ")

Dimensions (w*h) $\pm 0.3\text{mm}$,
(± 0.015 ")

Dimensions (Coax Connector
position) $\pm 0.3\text{mm}$, (± 0.012 ")

Dimensions (hole position)
 $\pm 0.1\text{mm}$, (± 0.04 ")

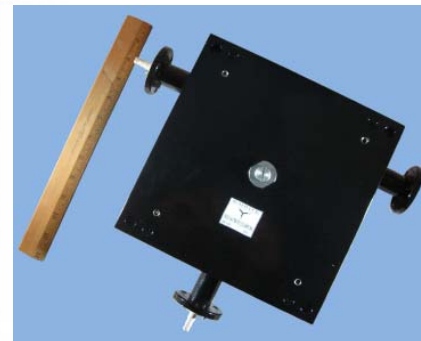
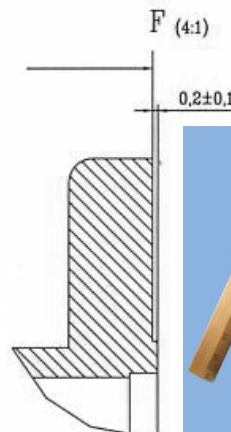
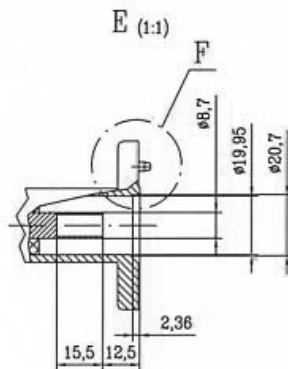
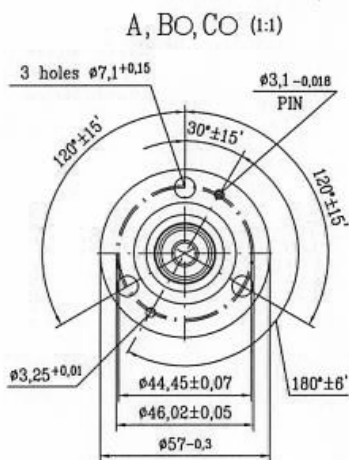
Machined surfaces

Flatness 0.025/mm, (0.001/ inch)

Bend radius 0.8mm,
(0.031" or 1/32")

Units: mm
Not to scale

Weight 30Lb
13.65Kg



Direction of RF:

R Default

L

Order Examples: RAD**C**-144-175M-7/8-(23)-2.5kW**R**-CW
C=CIRCULATOR

7/8" Connector options (X)

Circulator

Port 1	Port 2	Port 3 Male	Port 3 Female
Female	Male	-11	-21
Male	Female	-12	-22
Female	Female	-13	-23
Male	Male	-14	-24

Coaxial Circulator, 144-175MHz

7/8" Type Connectors, 2.5 Kilowatts Continuous Power

Specifications		Units
Frequency	144-175	MHz
Bandwidth	Full	
Insertion loss	0.5	dB (max)
Isolation	20	dBm (min)
VSWR	1.25:1	
Power	2.5	Kilo Watt CW
Power Peak	5	Kilo Watt
Pulse	50	msec
Operating Temperature	0 to +50	°C
Connector	7/8"	