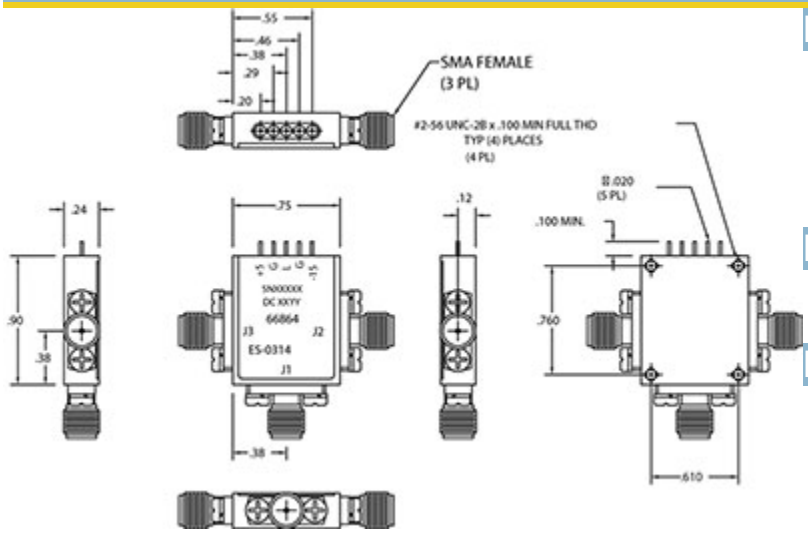
High Power Switch
ES0314-20
2 GHz to 18 GHz



Power Input Specifications

RF Frequency	2 GHz to 18 GHz
Peak Power	20 Watts max
Average Power	20 Watts max
Pulse Width	CW uSec max
Load VSWR	2:1 max

Microwave Specifications

VSWR	2:1 max
Switching Speed	200 ns max

Mechanical

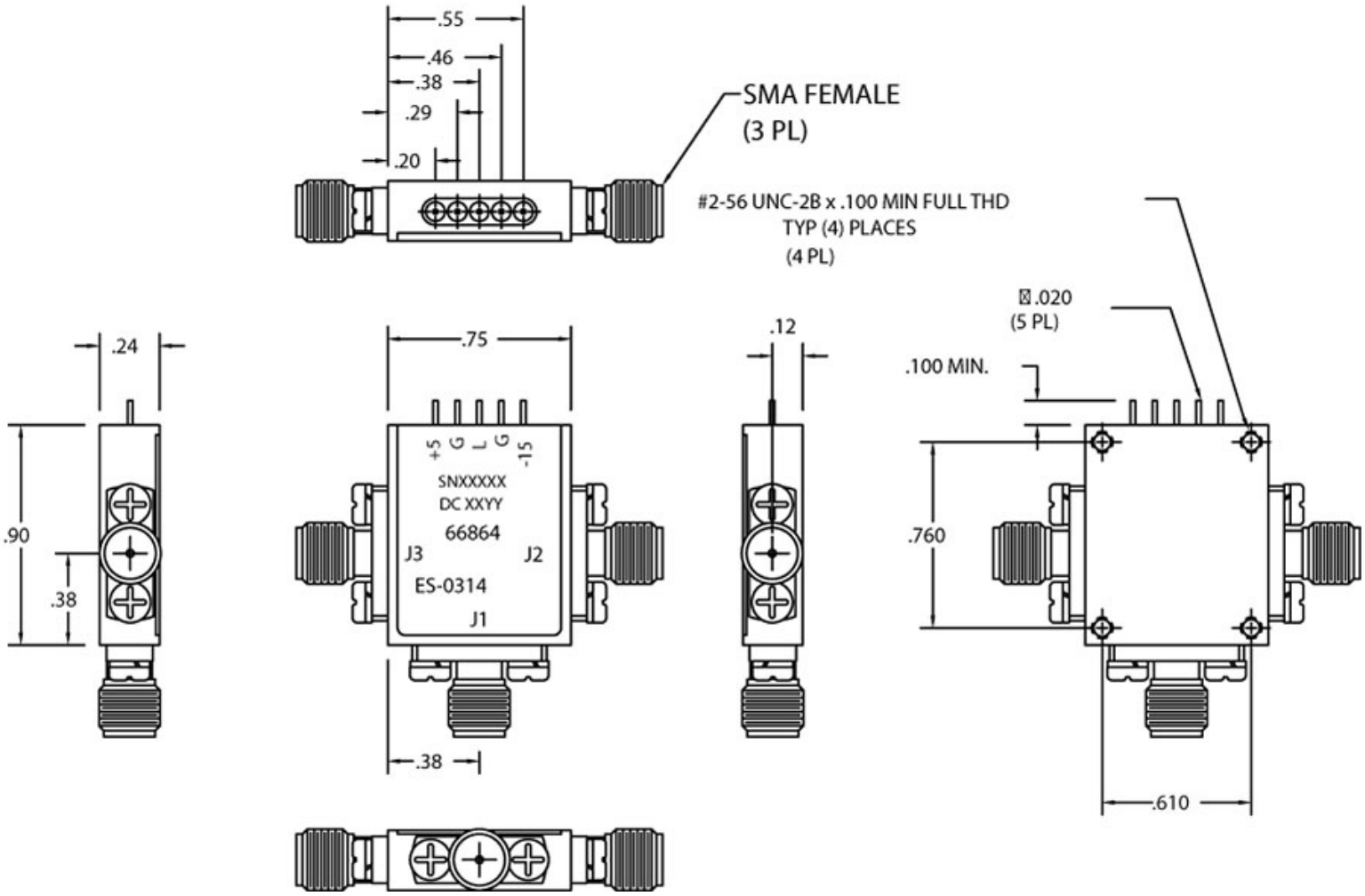
RF Connector	SMA-F
Bias Connector	Solder Pins
Control Connector	Solder Pins
Control	TTL
Positive Supply	5 Vdc 100 mA
Negative Supply	-28 Vdc
Power	80 mA

Environmental Ratings

Storage Temperature	-55 to 125 °C
Operating Temperature	-55 to 85 °C

Notes

Specifications subject to change without notice


.55
.46
.38
.29
.20
SMA FEMALE
(3 PL)
#2-56 UNC-2B x .100 MIN FULL THD
TYP (4) PLACES
(4 PL)
Ø.020
(5 PL)
.100 MIN.
.24
.90
.38
.75
+5
G
L
G
-15
SNXXXXX
DC XXYY
66864
J3
J2
ES-0314
J1
.38
.12
.760
.610