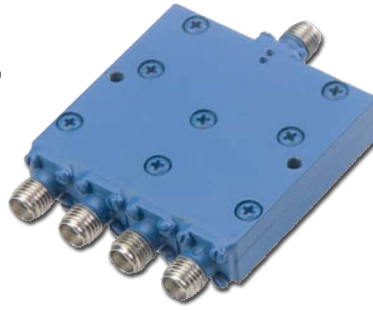


# YF-53

## 4 Way In-Phase Power Divider / Combiner



### Specifications:

Parameter	Specification	Units
Frequency Range (Min)	8.0 – 12.4	GHz
In / Out VSWR (Max)	1.50 / 1.40	dB
Insertion Loss (Max)	1.0	dB
Isolation (Min)	18.0	dB
Phase Balance	5.0	Degrees
Amp Balance	0.50	dB

### Environmental Specifications:

Designed to meet:

MIL-E-5400, MIL-STD-202, MIL-E-16400

Operating Temp: -55°C to +125°C

Storage Temp: -65°C to +150°C

Humidity: MIL-STD-202F, M103, Cond B

Shock: MIL-STD-202F, M213, Cond B

Altitude: MIL-STD-202F, M105, Cond B

Vibration: MIL-STD-202F, M204, Cond B

Thermal Shock: MIL-STD-202F, M107, Cond A

Temperature Cycle: MIL-STD-202F, M105C, Cond D

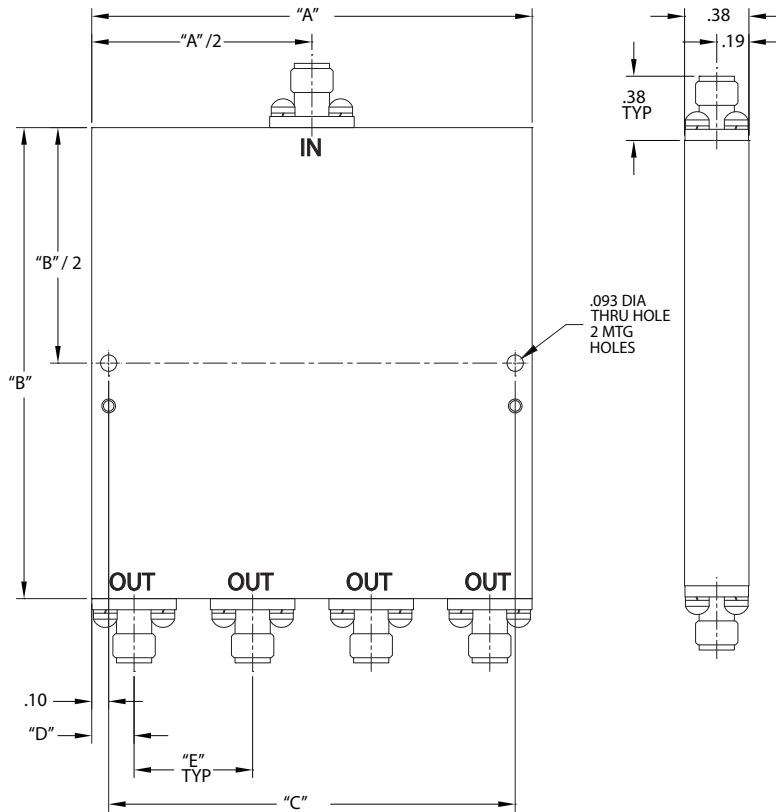
### Notes:

Please Contact the Factory for Custom Specifications

### Mechanical Specifications:

Case Style: YF Outline

Connectors: SMA Female per MIL-C-39012



OUTLINE CASE STYLE YF

"A" in	"B" in	"C" in	"D" in	"E" in
1.60	1.75	1.40	0.20	0.40

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