



Mini-Circuits

DESIGNER'S KIT KVEQY-63+

# Gain Equalizers

50Ω DC to 6 GHz



## FEATURES

- Wideband 50Ω
- Input power 31dBm max.
- 1 to 10dB attenuation slope
- SMA Male and Female connectors
- Rugged Unibody construction
- Length less than 1.5"
- Low cost

MINI-CIRCUITS DESIGNER'S KITS  
**SPEED UP**  
THE SOLUTION



## KVEQY-63+ ELECTRICAL SPECIFICATIONS

(kit includes 8 models, 1 of each, 8 pcs total)

Model	Frequency (GHz) $f_L$ - $f_U$	Insertion loss (dB)			VSWR (:1)			Input Power (dBm) Max.
		0.01 GHz	3 GHz	6 GHz	0.01 GHz	3 GHz	6 GHz	
VEQY-1-63+	DC - 6	1.5	1.1	0.6	1.07	1.13	1.07	31
VEQY-2-63+	DC - 6	2.5	1.7	0.6	1.02	1.13	1.18	31
VEQY-3-63+	DC - 6	3.8	2.6	0.8	1.06	1.21	1.25	31
VEQY-4-63+	DC - 6	4.8	2.8	0.8	1.09	1.21	1.14	31
VEQY-5-63+	DC - 6	6.0	3.6	1.2	1.05	1.12	1.14	31
VEQY-6-63+	DC - 6	7.0	2.6	0.6	1.08	1.20	1.12	32
VEQY-8-63+	DC - 6	8.6	2.9	0.6	1.13	1.21	1.06	31
VEQY-10-63+	DC - 6	11.1	5.0	1.2	1.05	1.11	1.21	31

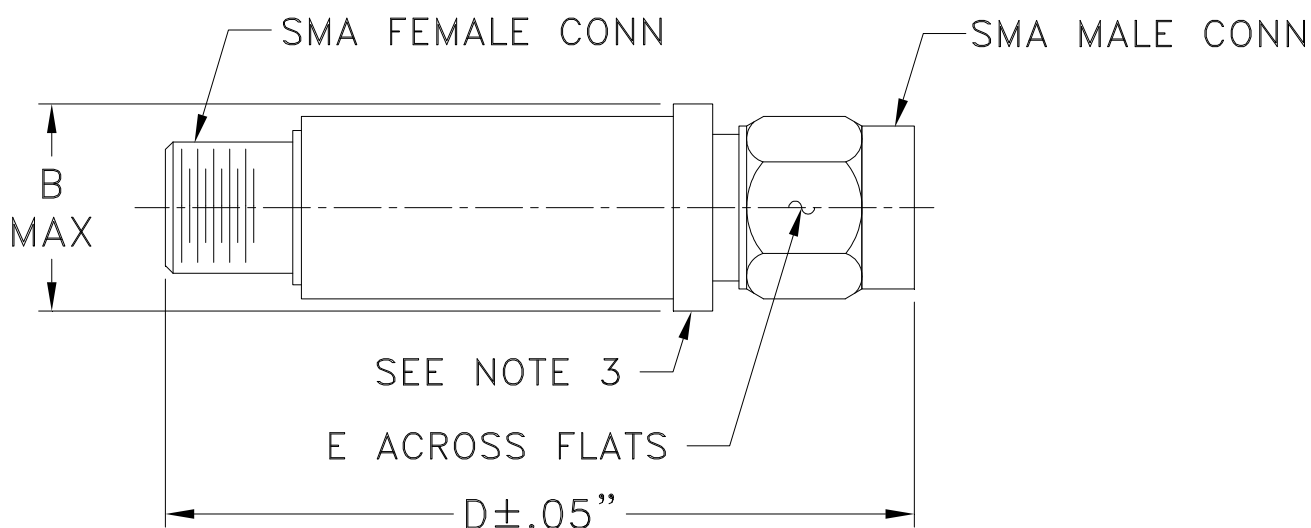
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REV. A  
ECO-009230  
KVEQY-63+  
MCL NY  
230914

### Outline Dimensions



CASE #.	A	B	C	D	E	WT GRAMS
FF704	--	.410 (10.41)	--	1.43 (36.32)	.312 (7.92)	10.0

Dimensions are in inches (mm). Tolerances: 2Pl. ± .04; 3Pl. ± .030

#### Notes:

1. Case material: Stainless steel.
2. Case finish: Gold plated.
3. Round Flange may have .312 Across Flats in some models.



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RF/IF MICROWAVE COMPONENTS



All Mini-Circuits products are manufactured under exacting quality assurance and control standards, and are capable of meeting published specifications after being subjected to any or all of the following physical and environmental test.

Specification	Test/Inspection Condition	Reference/Spec
Operating Temperature	-40° to 85° C Ambient Environment	Individual Model Data Sheet
Storage Temperature	-55° to 100° C Ambient Environment	Individual Model Data Sheet
Thermal Shock	-55° to 100°C, 100 cycles	MIL-STD-202, Method 107, Condition A-3, except +100°C