



Coaxial Circulators and Isolators

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BROADBAND COAXIAL Circulators

FREQUENCY RANGE (GHz)	MODEL NO.	ISOLA- TION (dB min.)	INER- TION LOSS (dB max.)	VSWR (max.)	OPER. TEMP. (°C)	POWER RATING			OUTLINE
						PEAK POWER (KW)	AVG. POWER (Watts)	HEAT SINK Temp. (°C)	
1-2	50A1101*	15	0.6	1.40	0 to +50	0.2	100	+35	G
2-4	50A3001*	16	0.5	1.30	-10 to +70	0.6	125	+40	H-1
2-6	50A3401*	12	1.0	1.65	-10 to +60	0.5	75	+50	H-2
2.6-5.2	50A3011*	18	0.5	1.30	-25 to +80	1.0	125	+45	H-1
3-6	50A6301*	18	0.5	1.40	-45 to +85	1.0	125	+50	I
4-8	50A6001*	18	0.5	1.30	-45 to +95	2.0	125	+50	I
5-10	50A6071*	18	0.5	1.30	-55 to +95	0.5	125	+50	I
6-12	50A9201*	16	0.7	1.35	-55 to +95	0.5	75	+50	I
6-18	50A2601*	11	1.0	1.78	-40 to +80	0.5	50	+50	K-1
6.5-18	50A2701	14	1.0	1.50	-54 to +95	0.5	50	+50	K-1
7-18	50A2171	12	0.9	1.65	-40 to +65	0.5	65	+50	K-1
7.5-18	50A2301*	13	0.9	1.58	-54 to +95	0.5	65	+50	J
8-12.4	10B9201*	20	0.5	1.30	-55 to +95	0.1	65	+50	J
8-16	50A2001*	17	0.5	1.35	-40 to +95	0.5	65	+50	J
8-16	50A2501	17	0.5	1.35	-40 to +95	0.5	65	+50	K-1
8-18	50A2051*	14	0.6	1.50	-54 to +95	0.5	65	+50	J
8-20	50A2401	11	1.0	1.78	-40 to +80	0.5	50	+50	K-1
12-18	10B2201*	18	0.5	1.30	-55 to +110	2.0	50	+50	J
18-22	10A8021*	18	0.7	1.30	-54 to +95	0.5	65	+50	K-2
18-26.5	50A8101*	13	1.0	1.58	-54 to +95	0.5	50	+50	K-2

Isolators

* —	1-2	60A1101*	15	0.6	1.40	0 to +50	0.1	1.0	+50	G
* —	2-4	60A3001*	18	0.5	1.30	-10 to +70	0.1	1.0	+70	H-1
	2-6	60A3401*	12	1.0	1.65	-10 to +60	0.1	1.0	+60	H-1
	2.6-5.2	60A3011*	18	0.5	1.30	-25 to +80	0.1	1.0	+80	H-1
	3-6	60A6301*	18	0.5	1.40	-45 to +85	0.1	1.0	+85	I
	4-8	60A6001*	18	0.5	1.30	-45 to +95	0.1	3.0	+95	I
	5-10	60A6071*	18	0.5	1.30	-55 to +95	0.1	2.0	+95	I
	6-12	60A9201*	16	0.7	1.35	-55 to +95	0.1	1.0	+95	I
	6-18	60A2601*	12	1.0	1.67	-40 to +80	0.1	3.0	+80	K-1
	6.5-18	60A2701*	14	1.0	1.50	-54 to +95	0.1	3.0	+95	K-1
	7-18	60A2171	13	0.75	1.58	-40 to +65	0.5	3.0	+65	K-1
	7.5-18	60A2301*	14	0.9	1.50	-54 to +95	0.5	3.0	+85	J
	8-12.4	20B9201*	20	0.5	1.30	-55 to +95	0.1	3.0	+95	J
	8-16	60A2001*	17	0.5	1.35	-40 to +95	0.5	3.0	+95	J
	8-16	60A2501	17	0.5	1.35	-40 to +95	0.1	3.0	+95	K-1
	8-18	60A2051*	14	0.6	1.50	-54 to +95	0.5	3.0	+95	J
	8-20	60A2401*	12	1.0	1.67	-40 to +80	0.1	1.0	+80	K-1
	12-18	20B2201*	18	0.5	1.30	-55 to +110	0.5	3.0	+110	J
	18-22	20A8021*	18	0.7	1.30	-54 to +95	0.5	1.0	+95	K-2
	18-26.5	60A8101*	14	1.0	1.50	-54 to +95	0.1	1.0	+95	K-2

NOTES:

1. See typical performance curves on Page 125 for selected models.

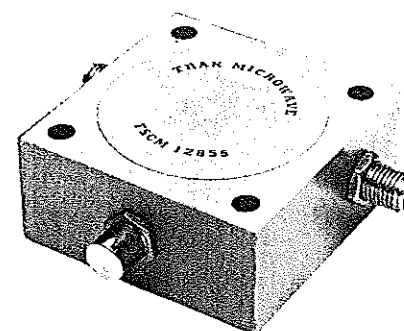
2. For Environmental Specifications, including temperature considerations, see Page 121.

* These units are normally available from stock or from TRAK's distributors.

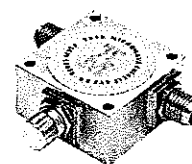
Specifications subject to change without notice



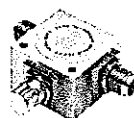
Coaxial Circulators and Isolators



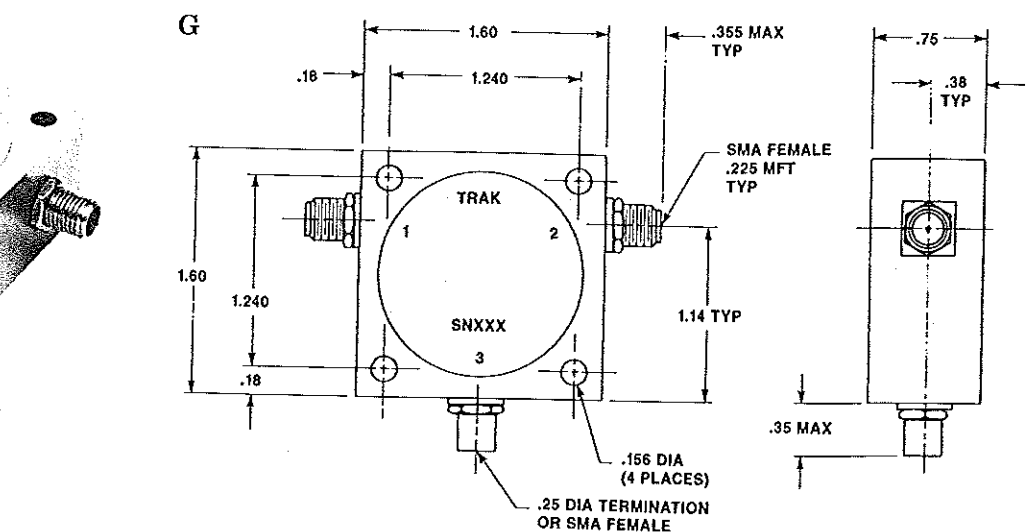
Weight: 6.3 oz., nominal
(180 grams)



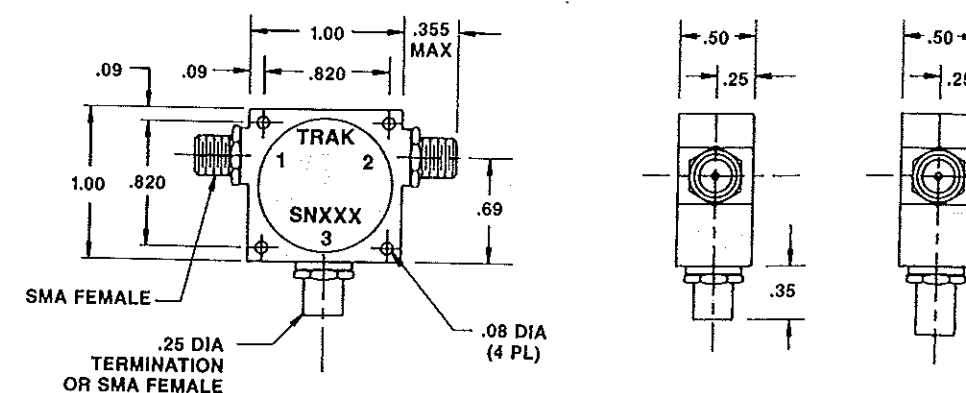
Weight: 1.8 oz., nominal
(51 grams)



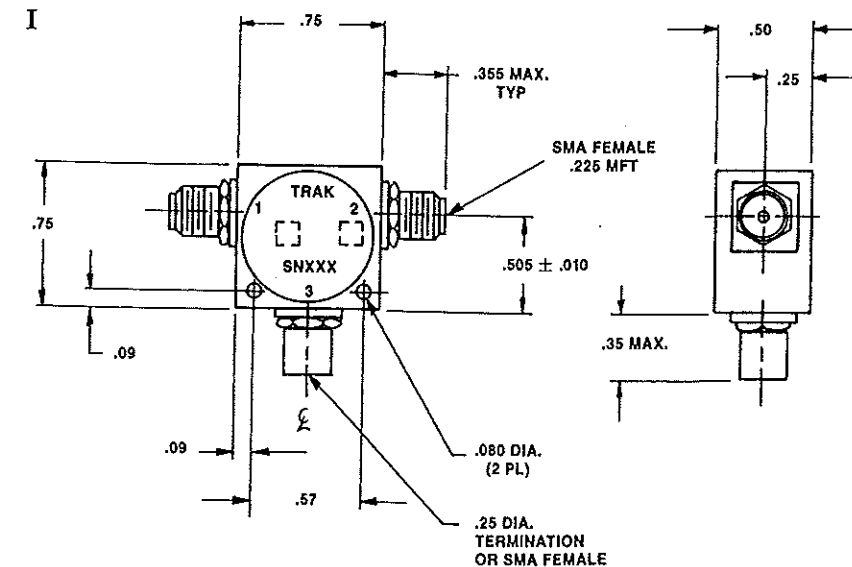
Weight: 1.1 oz., nominal
(32 grams)



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Housings 416 Stainless Steel with appropriate plating

Specifications subject to change without