

B

Description	Voltage (V)	Interface	Digi-Key Part No.	Price Each			Multi-Tech Part No.
				1	50	100	
SocketModem GPRS Wireless Modem, 850/1900MHz	5	GSM/GPRS	591-1011-ND	128.16	125.01	122.00	MTSMC-G-F2-R1.1
SocketModem GPRS Wireless Modem, Quad-Band, 850/1900MHz	5	GSM/GPRS	591-1087-ND	128.16	125.01	122.00	MTSMC-G-F4-R1
SocketModem GPRS Wireless Modem, Quad-Band w/Voice Capability, 850/1900MHz	5	GSM/GPRS	591-1068-ND	128.16	125.01	122.00	MTSMC-G-F4-V
SocketModem GPRS Wireless Modem, Quad-Band, 900/1800MHz	5	GSM/GPRS	591-1088-ND	128.16	125.01	122.00	MTSMC-G-F4-V-R1
SocketModem GPRS Wireless Modem, Quad-Band, 900/1800MHz	5	GSM/GPRS	591-1089-ND	128.16	125.01	122.00	MTSMC-G-F4-ED-R1
SocketModem GPRS Wireless Modem, Quad-Band w/Voice Capability, 900/1800MHz	5	GSM/GPRS	591-1090-ND	128.16	125.01	122.00	MTSMC-G-F4-V-ED-R1
RJModem® Modem, RJ-11 Port, Serial Data	3.3	V.34	591-1005-ND	39.79	38.75	37.77	MT5656RJ-L-34-R2
		V.92	591-1006-ND	42.45	41.35	40.30	MT5656RJ-L-92-R2
	5	V.92	591-1051-ND	42.45	41.35	40.30	MT5656RJ-92-R2
MMCModem™ GPRS Wireless Modem, Quad-Band, 850/1900MHz	5	GSM/GPRS	591-1054-ND	132.05	128.80	125.69	MTMMC-G-F4
			591-1091-ND	132.05	128.80	125.69	MTMMC-G-F4-R1
MMCModem GPRS Wireless Modem, Quad-Band, 900/1800MHz	5	GSM/GPRS	591-1092-ND	132.05	128.80	125.69	MTMMC-G-F4-ED-R1
Development Kits							
Universal Socket Modem Development Kit			591-1009-ND	300.00	—	—	MTSMI-UDK
Socket Modem Development Kit for Parallel Interface			591-1013-ND	199.00	—	—	MTSMI-P-DK
RJ Modem Development Kit			591-1014-ND	199.00	—	—	MTRJ-DK
Accessories							
CDMA and F2 Hinged Right Angle Antenna			591-1044-ND	9.73	9.50	9.27	ANCF2-10HRA
F1 Hinged Right Angle Antenna			591-1045-ND	9.73	9.50	9.27	ANF1-10HRA
Bluetooth Hinged Right Angle Reverse Polarity Antenna			591-1046-ND	13.62	13.28	12.96	ANBT-10HRA
SMA to MMCX COAX RF Cable 6 Inch			591-1047-ND	20.25	19.75	19.28	CASMA-MMCX-10
Reverse SMA to MMCX COAX RF Cable 6 Inch			591-1048-ND	20.25	19.75	19.28	CARSM-MMCX-10
Antenna for GPRS Quad-Band			591-1069-ND	9.73	9.49	9.27	ANQB-50HRA

Dimensions in mm

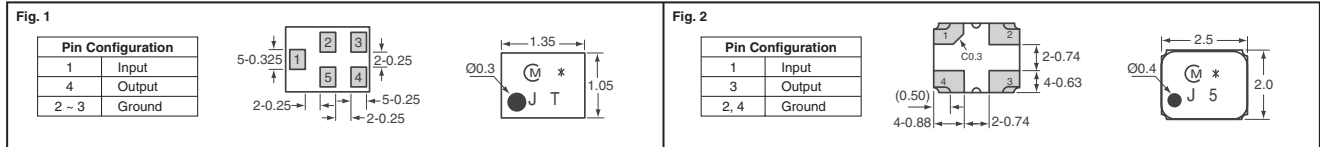


Fig.	Center Frequency (GHz)	Insertion Loss Typical (dB)	Ripple (dB)	Input Signal Level (mW)	Operating Temperature Range	Digi-Key Part No.	Cut Tape Price Each			Digi-Key Part No.	Tape and Reel Pricing 2,000	Murata Part No.
							1	10	50			
1	1.575	0.45	0.02	50	-30°C ~ 85°C	490-5016-1-ND	1.22	1.02	.92	490-5016-2-ND	357.00/M	SAFE1G57KB0F00R12
	1.575	0.95	0.03	50	-30°C ~ 85°C	490-5017-1-ND	1.11	.93	.84	490-5017-2-ND	324.00/M	SAFE1G57KE0F00R12
	0.915	1.8	0.3	31.6	-30°C ~ 85°C	490-5019-1-ND	3.36	2.80	2.52	490-5019-2-ND	980.00/M	SAFE1G57MA0F00R12
2	1.575	1.1	0.1	50	-40°C ~ 85°C	490-5018-1-ND	1.89	1.58	1.42	490-5018-2-ND	551.00/M	SAFE1G57KA0T90R12

BandPass Filter

Specifications: • Operating Temperature Range: -40°C ~ 85°C • Power Capacity: 500mW

Dimensions in mm

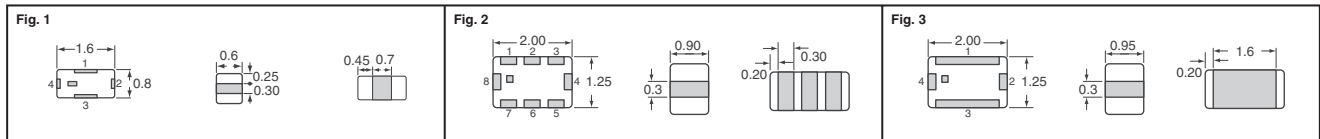


Fig.	Center Frequency (GHz)	Operating Frequency (GHz)	Insertion Loss @ 25°C (dB)	Ripple (dB)	Digi-Key Part No.	Cut Tape Price Each			Digi-Key Part No.	Tape and Reel Pricing 4,000	Murata Part No.
						1	10	50			
1	2.45	2.4 ~ 2.5	1.8	0.7	490-4743-1-ND	.60	.51	.46	490-4743-2-ND	175.00/M	LFB182G45SG9B740
2	2.45	2.4 ~ 2.5	3.5	—	490-5020-1-ND	.64	.53	.48	490-5020-2-ND	184.00/M	LFB212G45BA1A220
3	2.45	2.4 ~ 2.5	1.5	0.5	490-5021-1-ND	.66	.55	.50	490-5021-2-ND	192.00/M	LFB212G45SG8A127
			2.6	1.8	490-5022-1-ND	.66	.55	.50	490-5022-2-ND	192.00/M	LFB212G45SG8A192

RF Balun Transformers

Chip type SMD baluns constructed with copper conductor and ceramic material. Ideal for high-frequency applications. Small-size and low-loss baluns can be customized for the balance impedance of 100Ω ~ 200Ω. Specifications: • Operating Temperature Range: -40°C ~ 85°C • Power Capacity: 0.5W

Dimensions in mm

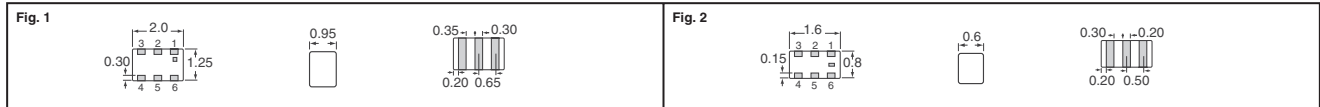


Fig.	Operating Frequency (GHz)	Insertion Loss @ 25°C (dB)	Balance Impedance Dif-Nom. (Ω)	Digi-Key Part No.	Cut Tape Price Each			Digi-Key Part No.	Tape and Reel Pricing 4,000	Murata Part No.
					1	10	50			
1	2.3 ~ 2.5	1.0	200	490-4744-1-ND	.45	.38	.34	490-4744-2-ND	132.00/M	LDB212G4020C-001
		0.8	50	490-4745-1-ND	.45	.38	.34	490-4745-2-ND	132.00/M	LDB212G4005C-001
2	2.4 ~ 2.5	1.0	50	490-4746-1-ND	.44	.37	.33	490-4746-2-ND	127.00/M	LDB182G4505C-110
		1.0	100	490-5023-1-ND	.44	.37	.33	490-5023-2-ND	127.00/M	LDB182G4510C-110
		1.3	200	490-4747-1-ND	.44	.37	.33	490-4747-2-ND	127.00/M	LDB182G4520C-110

Digi-Reel® Most SMT cutdown parts are available on a Digi-Reel®. For Digi-Reel part number, change 1-ND to 6-ND or CT-ND to DKR-ND. See Digi-Key® Services on page 2 for additional information.

More Product Available Online: www.digkey.com