

LOW-LOSS SERIES

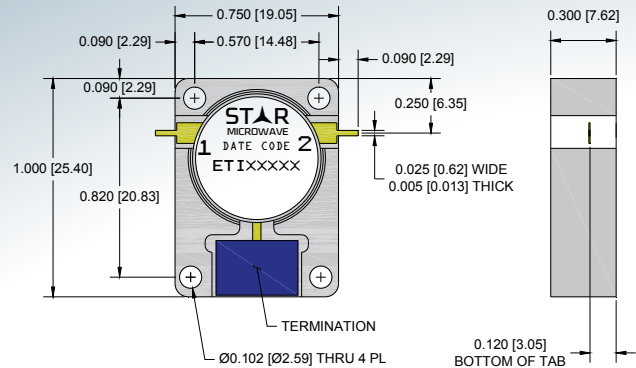
REV 20150504.2

1710 – 3800 MHz DROP-IN CIRCULATORS AND ISOLATORS

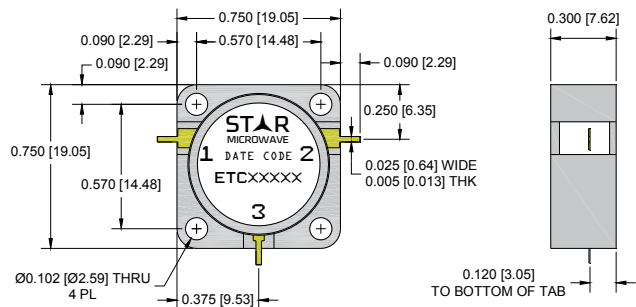
Star Microwave's Low-Loss Series isolators and circulators are made of special grade ferrites which exhibits low-loss properties and excellent temperature stability. The Low-Loss Series are designed for above resonance operation enabling high power handling for those power demanding applications. These isolators and circulators are designed for commercial, cellular and wireless applications. Customized solutions are available and welcomed.

- CIRCULATOR PACKAGE (0.75 X 0.75 X 0.30)
- ISOLATOR PACKAGE (0.75 X 1.00 X 0.30)
- STEEL HOUSING FOR ENHANCED SHIELDING
- ABOVE RESONANCE DESIGNS FOR HIGH POWER CAPABILITY
- HIGH ISOLATION AND VSWR
- EXCELLENT TEMPERATURE STABILITY
- APPLICATIONS: DCS, PCS, LTE, ISM, UMTS, MMDS, W-LAN, WiBro, WiFi, WiMAX, etc.

ET-ISOLATOR PACKAGE



ET-CIRCULATOR PACKAGE



ELECTRICAL SPECIFICATIONS

FREQ (MHz)	ISOLATOR MODEL NUMBER	CIRCULATOR MODEL NUMBER	INSERTION LOSS (dB)	ISOLATION (dB)	VSWR [RETURN LOSS]	ISOLATOR POWER FWD/REV (W)	CIRCULATOR POWER (W)	OPERATING TEMP (°C)
1710 – 1800	ETI0175	ETC0175	0.17	22	1.18 [22]	250/100	250	-20 TO +85
1805 – 1885	ETI0185	ETC0185	0.15	23	1.15 [23]	250/100	250	-20 TO +85
1930 – 1990	ETI0196	ETC0196	0.14	23	1.15 [23]	250/100	250	-20 TO +85
2100 – 2200	ETI0215	ETC0215	0.13	23	1.15 [23]	250/100	250	-20 TO +85
2300 – 2500	ETI0240	ETC0240	0.14	22	1.18 [22]	250/100	250	-20 TO +85
2500 – 2700	ETI0260	ETC0260	0.14	22	1.18 [22]	150/100	150	-20 TO +85
1700 – 2000	ETIE0185	ETCE0185	0.19	21	1.20 [20]	250/100	250	-20 TO +85
1920 – 2170	ETIE0205	ETCE0205	0.18	21	1.20 [20]	250/100	250	-20 TO +85
2100 – 2400	ETIE0225	ETCE0225	0.18	21	1.20 [20]	250/100	250	-20 TO +85
2400 – 2700	ETIE0255	ETCE0255	0.18	21	1.20 [20]	250/100	250	-20 TO +85
2700 – 3100	ETIE0290	ETCE0290	0.18	21	1.20 [20]	250/100	250	-20 TO +85
3100 – 3500	ETIE0330	ETCE0330	0.18	21	1.20 [20]	150/100	150	-20 TO +85
3300 – 3800	ETIE0355	ETCE0355	0.18	21	1.20 [20]	150/100	150	-20 TO +85



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