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REVISIONS

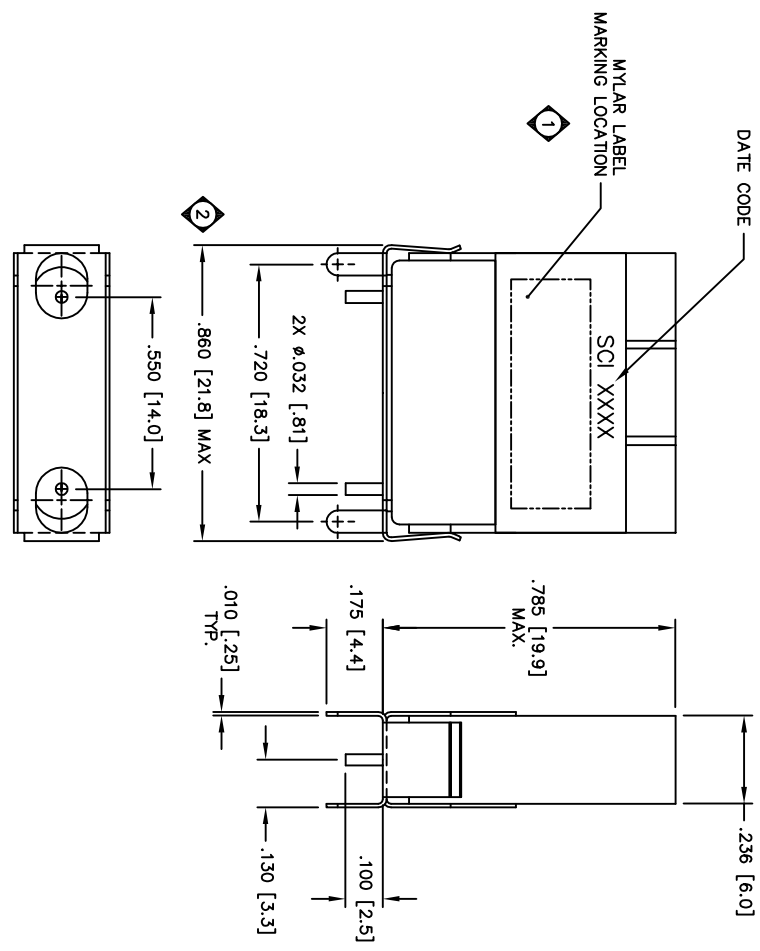
REV	DESCRIPTION	DATE	APPROVED
0	INITIAL RELEASE PER ECOM5336	8/17/05	CH
1	ADDED TO SPECIFICATIONS PER ECOM5787, NY, 7/10/06	7/10/06	CH
2	CHGED SHLD DIM PER ECOM6642, NY, 9/08/08	9/08/08	FG

NOTES:

- ELECTRICAL SPECIFICATIONS:
 CENTER FREQUENCY (F₀) = 471.25 MHz
 3 dB BANDWIDTH: 5±1 MHz @ 3 dBc (REFERENCE ONLY)
 INSERTION LOSS = 2.5 dB MIN, 4.5 dB MAX
 I. L. VARIATION = +0.5 dB MAX OVER 20°C TO -20°C
 I. L. VARIATION = -0.8 dB MAX OVER 20°C TO +85°C
 R. L. = 7.5 dB MIN @ C.F. ±1 MHz AT -20°C TO +85°C
 RIPPLE = 0.25 dB MAX WITHIN ±0.5 MHz OF F₀
 VSWR = 2:1 MAX OVER C.F. ±1 MHz (IN/OUT)
 ATTENUATION: @ F₀: ±5.8 MHz @ 18.0 dBc MIN
 @ F₀: ±12.0 MHz @ 28.0 dBc MIN
 @ F₀: ±18.0 MHz @ 45.0 dBc MIN
 IMPEDANCE: 75 OHMS IN/OUT

2. ENVIRONMENTAL SPECIFICATIONS:

- OPERATING TEMPERATURE: -40° TO +85°C
 STORAGE TEMPERATURE: -40° TO +90°C



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UNLESS OTHERWISE SPECIFIED
 ALL DIMENSIONS ARE IN INCHES
 DIMENSIONS APPLY AFTER PLATING
 INTERPRET DIM. AND TOL. PER
 ASME Y14.5M 1994
 DATE: 08/17/05
 DRAWN: L. SLUTSKY
 CHECK: ALL SHARP EDGES AND DEBURR

Spectrum Microwave, Inc.
 COLUMBIA, MARYLAND USA
SALES DRAWING,
 BPF3-0471-001LA

DATE	SIZE	CAGE CODE	DRAWING NO.	REV
08/17/05	C	67195	STO-5202	2

SCALE: 4/1 DO NOT SCALE PRINTS SHEET 1 OF 1

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STO-5202

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