SERVICE DRAWING NUMBER

SECURITY CLASSIFICATION

3rd ANGLE PROJECTION

DRAWING TO BE READ IN CONJUNCTION WITH BS 8888

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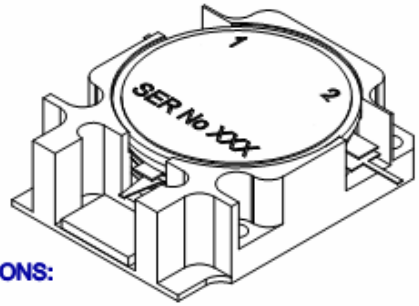
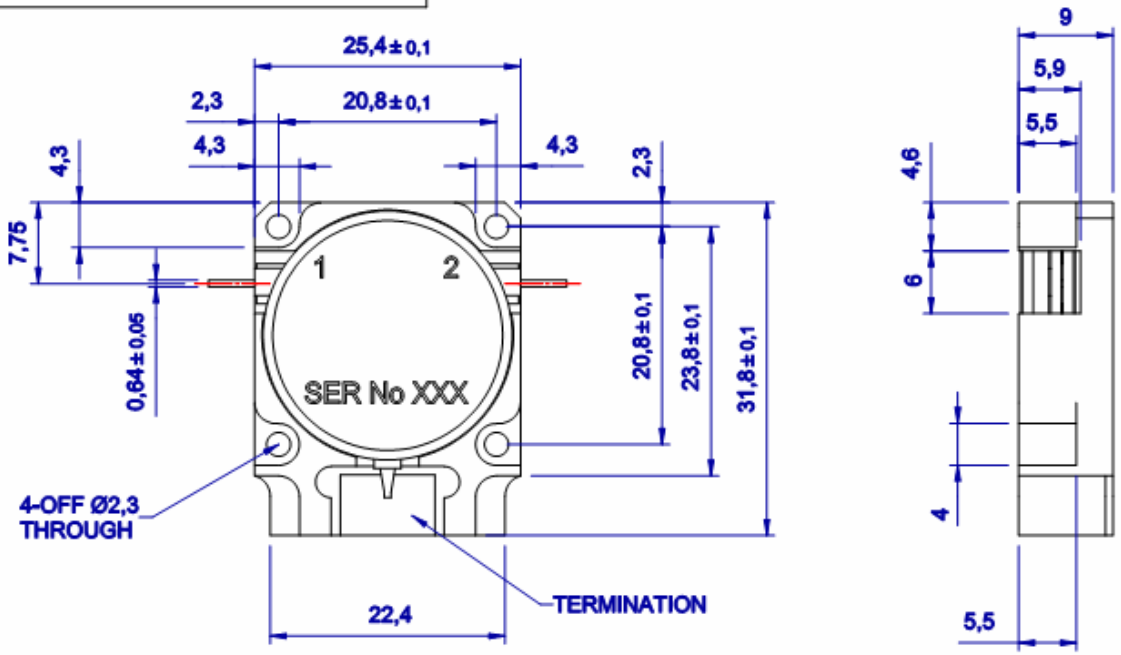
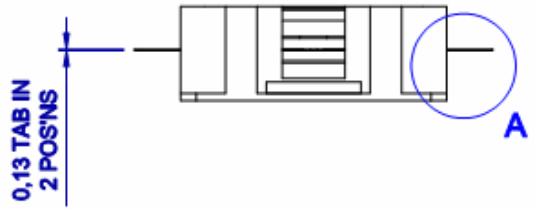
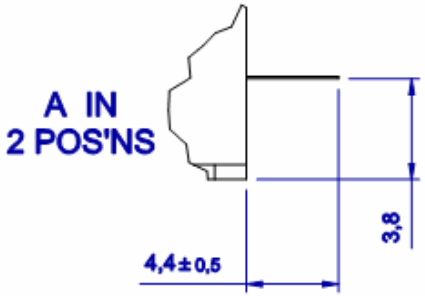
MESL Microwave Ltd









ELECTRICAL SPECIFICATIONS:

Frequency Range: 869 To 960MHz
Insertion Loss: 0.3dB max
Return Loss INPUT/OUTPUT: 23dB max
Isolation @ +25°C: 25dB min
Isolation In temperature: 23dB min
Input Power (Operating): 70W max
3° ord. P.I.M. with: 1x47.8dB to Port 1: -36dB max
and 1x27.8dB to Port 2
Max reflected Power (with additional heatsink) : 60Wmax
R.F. Leakage (probe ENCO903): -70dBc (1cm) (no pins area)

ENVIROMENTAL SPECIFICATIONS:

Operating Temperature Range (@ 95% R.H.): -10°C to +70°C
No Failure Temperature Range: >+70°c to +85°C

DEGRADED ELECTRICAL SPECIFICATIONS (From +70°C to +85°C)

Frequency Range: 869 to 960MHz
Isolation : 22dB min
Insertion Loss: 0.35dB max

NOTES:
1. THIS UNIT IS ROHS COMPLIANT BY DESIGN.

3		9948-ECN-10931
2		9948-ECN-10915
1		GREEN
D		DRN 9948

REF	DESCRIPTION	No OFF	CHAR.	POS.TOL.	ISSUE	DATE	MOD NUMBER

GREEN (Fully Released) — A 3

Q.A. DATE	LIGHTLY REMOVE ALL BURRS AND SHARP EDGES U.O.S.	GENERAL TOLERANCE UNLESS OTHERWISE STATED ISO 2768-fH Symmetry ± 0,05	CONTRACTOR MESL Microwave Ltd	SECURITY CLASSIFICATION
PROD.REL. DATE	ORIGINAL SCALE 2:1 DO NOT SCALE PRINT	MATERIAL SPECIFICATION	RESPONSIBLE AUTHORITY J. Gilles	CONTRACTORS DRAWING NUMBER 9948-000-OL
ENG.APP. J.G. DATE	DIMENSION IN mm	FINISH SPECIFICATION BODY: SILVER PLATED	FINISH TO BE 1.6 UNLESS OTHERWISE STATED	TITLE ISOLATOR 869-960 MHz
MECH. ENG. DATE				SERVICE DRAWING NUMBER — SHEET No 1 OFF 1
DRAWN DATE	CERTIFIED AT ISSUE			