



ELECTRICAL SPECIFICATIONS

FREQUENCY RANGE	7100 TO 8500 MHz
RETURN LOSS	-19 dB MAX
INSERTION LOSS	0.5 dB MAX
ISOLATION	-18 dB MAX
IMD3 (dBc) @ +33 dBm POUT	-65 dBc MAX
FORWARD POWER	20 W MAX
REVERSE POWER	10 W MAX
OPERATING TEMPERATURE RANGE	-40 TO +85 °C
STORAGE TEMPERATURE RANGE	-45 TO +85 °C
DIRECTION	CCW

MATERIAL SPECIFICATION:
 BODY MATERIAL: STEEL, SILVER PLATED
 PIN: COPPER, GOLD PLATED

- NOTES:**
- STANDARD INPUT / OUTPUT IMPEDANCE 50 Ohm
 - LEAD FREE, NO Nd MATERIAL, BeO FREE.
 - THE DIMENSION OF DATA MATRIX IS 3.0X3.0MM INFORMATION INCLUDING WORK ORDER NUMBER-SERIAL NUMBER-MATERIAL NUMBER
 - THIS PART COMPLIES WITH ALL RoHS REQUIREMENTS

ENG PART#: 811-710-850-PT040

FUNCTIONAL SYMBOLS FA=0 FE=0 FP=0	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC: RELEASE TO PROD		molex
	DIMENSION UNITS MM	SCALE 1:1			
	GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 696580		SMT ISOLATOR/7.1 GHZ TO 8.5 GHZ/CCW
	4 PLACES	±0.005	±----	DRWN: SREN05	
	3 PLACES	±0.025	±----	CHK'D: JLI252	2022/02/23
	2 PLACES	±0.13	±----	APPR: HWANG186	2022/03/01
	1 PLACE	±0.25	±----	INITIAL REVISION:	
	0 PLACES	±0.4	±----	DRWN: SREN05	2021/12/08
	ANGULAR TOL ± 1.5 °		APPR: HWANG186		2022/03/01
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING A3-SIZE	SERIES 73591
	DOCUMENT NUMBER 735912084	DOC TYPE PSD	DOC PART 000	CUSTOMER CUSTOM PART	REVISION A
	DOCUMENT STATUS P1	RELEASE DATE 2022/03/01	06:07:29	MATERIAL NUMBER 0735912084	SHEET NUMBER 1 OF 1