



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 $F_A=0$ $F_P=0$ $F_D=0$ DIVISIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC: CHANGE ECTR RESTRICTED ***			
	DIMENSION UNITS	SCALE	EC NO: 702316			SMT ISOLATOR/7.1 GHZ TO 8.5 GHZ/CCW
	MM	1:1	DRWN: SREN05 2022/04/20			
	GENERAL TOLERANCES (UNLESS SPECIFIED)		CHK'D: WWANG99 2022/04/21			
mm		INCH		PRODUCT CUSTOMER DRAWING		
4 PLACES	±0.005	±----	APPR: HWANG186 2022/04/22	DOCUMENT NUMBER		
3 PLACES	±0.025	±----	INITIAL REVISION:	735912084		
2 PLACES	±0.13	±----	DRWN: SREN05 2021/12/08	DOC TYPE	DOC PART	
1 PLACE	±0.25	±----	APPR: HWANG186 2022/03/01	PSD	000	
0 PLACES	±0.4	±----	ANGULAR TOL ± 1.5 °	REVISION	A1	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	
			A3-SIZE	73591	0735912084	
			CUSTOMER	GENERAL MARKET		
			SHEET NUMBER		1 OF 1	