



**RECOMMENDED LAND PATTERN**

material RO4350B, 20 mil thick

CONTACT PIN Ø1.0 [Ø0.039] 2 PL

**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	CW

**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#: 801-710-850-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		<b>molex</b>	
	DIMENSION UNITS <b>MM</b>	SCALE <b>1:1</b>	EC NO: 696580			
	GENERAL TOLERANCES (UNLESS SPECIFIED)		DRWN: SREN05	2022/02/21		SMT ISOLATOR/7.1 GHZ TO 8.5 GHZ/CW
			CHK'D: JLI252	2022/02/23		
DIVISIONAL SYMBOLS	4 PLACES ±0.005 ±----	mm	INCH	APPR: HWANG186	2022/03/01	
	3 PLACES ±0.025 ±----	INITIAL REVISION:		RESTRICTED PRODUCT CUSTOMER DRAWING		
	2 PLACES ±0.13 ±----	DRWN: SREN05	2021/12/08	DOCUMENT NUMBER	DOC TYPE	
	1 PLACE ±0.25 ±----	APPR: HWANG186	2022/03/01	<b>735912083</b>	PSD	
0 PLACES ±0.4 ±----	ANGULAR TOL ± 1.5 °	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	
				SERIES	MATERIAL NUMBER	
				A3-SIZE	73591	
				CUSTOMER	0735912083	
				SHEET NUMBER	1 OF 1	