



CONTACT PIN Ø1.0 [Ø0.039] 2 PL

RECOMMENDED LAND PATTERN
material RO4350B, 20 mil thick

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			
	DIMENSION UNITS MM	SCALE 1:1	EC NO: 696580			
	GENERAL TOLERANCES (UNLESS SPECIFIED)		DRWN: SREN05	2022/02/21		SMT ISOLATOR/7.1 GHZ TO 8.5 GHZ/CCW
			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:		
	2 PLACES ±0.13 ±----			DRWN: SREN05	2021/12/08	
	1 PLACE ±0.25 ±----			APPR: HWANG186	2022/03/01	
0 PLACES ±0.4 ±----		ANGULAR TOL ± 1.5 °		DOCUMENT NUMBER 735912084		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING A3-SIZE	SERIES 73591	MATERIAL NUMBER 0735912084	
			CUSTOMER CUSTOM PART		SHEET NUMBER 1 OF 1	