



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 $F_A=0$ $F_P=0$ $F_D=0$	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		
	MM	1:1	DRWN: SREN05 2022/04/20		
	GENERAL TOLERANCES (UNLESS SPECIFIED)		CHK'D: WWANG99 2022/04/21		
DIVISIONAL SYMBOLS $F_A=0$ $F_P=0$ $F_D=0$	mm	INCH	APPR: HWANG186 2022/04/22		PRODUCT CUSTOMER DRAWING DOCUMENT NUMBER: 735912083 DOC TYPE: PSD DOC PART: 000 REVISION: A1
	4 PLACES ±0.005 ±---		INITIAL REVISION:		
	3 PLACES ±0.025 ±---		DRWN: SREN05 2021/12/08		
	2 PLACES ±0.13 ±---		APPR: HWANG186 2022/03/01		
1 PLACE ±0.25 ±---		DRWN: SREN05 2021/12/08		MATERIAL NUMBER: 0735912083 CUSTOMER: GENERAL MARKET SHEET NUMBER: 1 OF 1	
0 PLACES ±0.4 ±---		APPR: HWANG186 2022/03/01			
ANGULAR TOL ± 1.5 °		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			
THIRD ANGLE PROJECTION		DRAWING: A3-SIZE	SERIES: 73591		