



ELECTRICAL SPECIFICATIONS :
 Frequency range : 791 to 821 MHz
 Input power : 130 W
 Input power , peak: 1300 W
 Reflected power : 80 W
 Isolation (within frequency range, port 2 to 1) : 22 dB Min
 Return loss (Measured at port 1 and port 2) : 23 dB Min (0°C-115°C)
 (Measured at port 1 and port 2) : 20 dB Min (-40°C-0°C)
 Insertion loss (within frequency range, port 1 to 2) : 0.25 dB Max
 Intermodulation distortion, IM3(2 x 50 W) : -65 dBc Max
 IM5(2 x 50 W) : -79 dBc Max
 Harmonics: 2 x f (100W CW) : 0dBm Max
 3-4 x f (100W CW) :-10 dBm Max
 5 x f (100W CW) :-35dBm Max
 6-7 x f (100W CW) :-25 dBm Max
 Operating temperature range: -40°C to +115°C
 Storage temperature range : -40°C to +115°C
 Direction: CCW

BODY: CARBON STEEL, SILVER PLATED
RIGID PINS: COPPER, SILVER PLATED
NOTES:
 1.STANDARD INPUT/OUTPUT IMPEDANCE 50 Ohm
 2.LEAD FREE, NO Nd MATERIAL, BeO FREE
 3.THE DIMENSION OF DATE MATRIX IS 7.6X7.6MM INFORMATION INCLUDING WORK ORDER NUMBER-SERIAL NUMBER-MATERIAL NUMBER
 4.THIS PART COMPLIES WITH ALL RoHS REQUIREMENTS

ENG PN#: 811-079-082-WB040

FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						
	DIMENSION UNITS	SCALE	CURRENT REV DESC:				
▽=0	MM	1:1	RELEASE TO PROD				
▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)						
▽=0		mm	INCH				
DIVISIONAL SYMBOLS	4 PLACES	±0.005	±----	EC NO: 696580			
	3 PLACES	±0.025	±----	DRWN: SREN05 2022/02/21			
	2 PLACES	±0.13	±----	CHK'D: JLI252 2022/02/23			
	1 PLACE	±0.25	±----	APPR: HWANG186 2022/03/01			
	0 PLACES	±0.4	±----	INITIAL REVISION:			
	ANGULAR TOL	± 1.5 °	DRWN: SREN05 2021/12/09	DOCUMENT NUMBER			
			APPR: HWANG186 2022/03/01	735912098			
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
		⊕	A3-SIZE	73591	0735912098	COSTOM PART	1 OF 1