

CUSTOMER :

SPECIFICATION SHEET

ITEM : 2.9GHz~3.0GHz Isolator
Part No : WVI-2950M-100BW03

	Written	Checked	Approved
SUPPLIER			

◆ INDEX

– INDEX	-----	2
– REVISION HISTORY	-----	2
– APPLICATION, FEATURES	-----	3
– ELECTRICAL SPECIFICATION	-----	3
– ENVIRONMENTAL SPECIFICATION	-----	3
– MECHANICAL SPECIFICATION	-----	3
– OUTLINE DRAWING	-----	4

◆ REVISION HISTORY

AUTHORS	DATE	REVISION	NOTE
A.C. Jung	2024. 03. 06.	00	First Draft
A.C. Jung	2024. 08. 06.	01	Changed Electrical Spec.

PART NO. : WVI-2950M-100BW03

- ◆ APPLICATION
 - > 2.9GHz ~ 3.0GHz Band System
- ◆ FEATURE
 - > High Reliability
 - > RoHS Compliant
- ◆ ELECTRICAL SPECIFICATION

ITEM	SPECIFICATION
Frequency Range (GHz)	2.9 ~ 3.0
Insertion Loss	0.2dB Max
Return Loss	22dB Min
Isolation	22dB Min
Forward Power	50W CW; 150W Peak with 30% duty cycle and 4ms pulse width
Reverse Power	20W CW Max
Transmission Direction	Anti-Clockwise
Impedance	50 Ohms Nominal

◆ ENVIRONMENTAL SPECIFICATIONS

ITEM	SPECIFICATION
Operating Temperature Range	-40°C to+85°C
Reflow Temperatures	For Pb-Free reflow profile with peak temperature 260°C@ ≤10 seconds□

◆ MECHANICAL SPECIFICATIONS

ITEM	SPECIFICATION
Dimension	13.4 x 12.57 x 7.0 (Unit:mm), tolerance : ±0.2
Mounting Points	See Outline Drawing
RF Connector	SMD, 2-Ø1.0
Connector Position	See Outline Drawing

◆ OUTLINE DRAWING

