

PART NO. : WVC-881.5B-25M04

◆ APPLICATION

> for 869MHz ~ 894MHz Band System

◆ FEATURE

> High Reliability
> **RoHS Compliant**

◆ ELECTRICAL SPECIFICATION

ITEM	SPECIFICATION
Frequency Range	869MHz ~ 894MHz
Insertion Loss	1.0dB Max
Flatness	0.5dB Max(within any 20MHz sub band of the pass band)
In/Out Impedance	50 Ohms nominal
Return Loss	14.0dB Min
Rejection	70dB Min @ 9KHz ~ 861MHz and 904MHz ~ 2400MHz
Maximum Average Power (CW)	47dBm (within passband. Applicable for both ports But one ata time)
Maximum Peak Power	Peak to average @10%: 4 dB Peak to average @1%: 6 dB Peak to average @ 0.1%: 7dB Peak to average @ 0.01%: 8dB Peak to average @ 0.001%: 8.5dB Crest factor: 10 dB (duration of the maximum peaks is about 100 us)
Third order intermodulation	< -130dBc Min with two +43dBm tones

◆ ENVIRONMENTAL SPECIFICATIONS

ITEM	SPECIFICATION
Operating Temperature	+18°C to +40°C

◆ MECHANICAL SPECIFICATIONS

ITEM	SPECIFICATION
Dimension	198.0 mm x 198.0 mm x 46.0 mm
RF Connector	N Female Connector
Finish	Black color epoxy coating

◆ OUTLINE DRAWING

