

RF SWITCH(BPR)

PART NO. : WV-BPR-F-C-01

◆ APPLICATION

> 0.7~3.8GHz Band System

◆ FEATURE

> High Reliability
> **RoHS Compliant**

◆ ELECTRICAL SPECIFICATION

ITEM	SPECIFICATION
Frequency Range	0.7 ~ 3.8GHz
Insertion Loss	0.2dB Max
Return Loss	20.0dB Min
Isolation	70dB
Power	200W CW Max
Actuation Voltage	20 ~ 32VDC
Actuation Current	250mA @32VDC, 25°C(Max.)
In/Out Impedance	50 Ohms Nominal
Intermodulation	-160dBc Min(-165dBc Typ.) @ 2-tone 43dBm Input
Actuation	Fail Safe
Switching Time	20mS
Operating Life	1,000,000 Cycles

◆ ENVIRONMENTAL SPECIFICATIONS

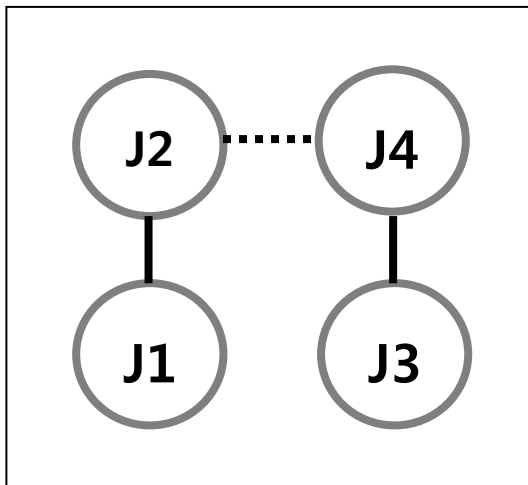
ITEM	SPECIFICATION
Operating Temperature Range	-20°C to +70°C
Storage Temperature Range	-30°C to +80°C
RF Contacts	Break before make
Control Cable	Cable Harness (800mm)

RF SWITCH(BPR)

◆ INTERFACE (Cable Harness)

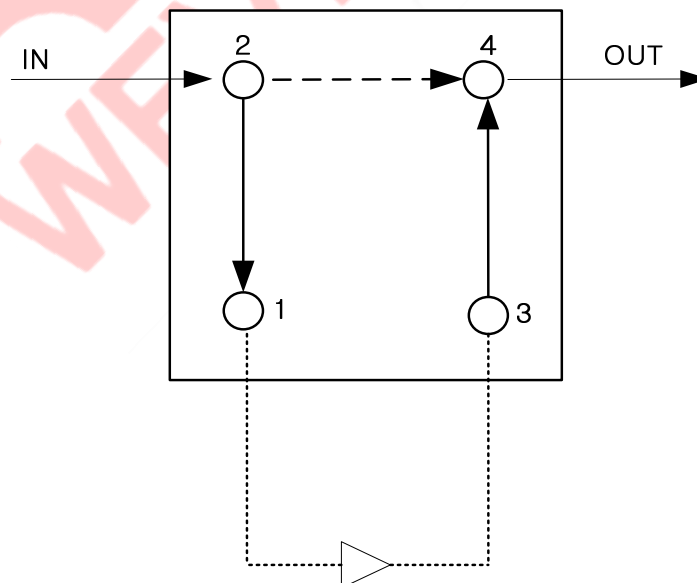
PIN NO.	DESCRIPTION	REMARK
PIN 1	RED	+20~32Vdc
PIN 2	BLACK	GND

◆ INTERFACE RF LINE



	ENGZ	DE-ENGZ(PINS)
Close	J1- J2 / J3-J4	J2-J4

◆ BLOCK DIAGRAM FOR SWITCH WITH BYPASS



RF SWITCH(BPR)

◆ MECHANICAL SPECIFICATIONS

ITEM	SPECIFICATION
Dimension	44.5 x 44.5 x 48.0 Max (Unit:mm)
Mounting Points	See Outline Drawing
RF Connector	N Female Connector
Connector Position	See Outline Drawing

◆ OUTLINE DRWAING

