

## QMS8F&B DC~2.15GHz, SP8T

Features:  
 \* Low VSWR  
 \* Low Insertion Loss  
 \* High Isolation

Applications:  
 \* Wireless  
 \* Transmitter  
 \* Laboratory Test  
 \* Radar

### Electrical

Frequency:	DC~2.15GHz
Impedance:	75Ω
Power:	10W CW
Voltage:	12V DC/60mA

Frequency range (GHz)	Insertion Loss (dB)	Isolation (dB)	VSWR
DC~1	0.8	60	1.5
1~2.15	1.2	50	1.6

### Mechanical

Switching Sequence:	Break Before Make
Switching Time:	10mS max.
Operation Life:	1M Cycles
RF Connectors:	F Female
Power Supply & Control Interface Connectors:	Feed Through/Terminal Post
Mounting:	4-Φ2.6mm through-hole

### Environmental

Temperature:	-40~+85°C
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### How To Order

#### QMS8C-F-WXYZ

C: Connector Type.  
 F: Frequency in GHz.  
 W: Actuator Type. Failsafe: 0.  
 X: Voltage. +12V: E  
 Y: Power Interface. Pin: 0.

Connector naming rules:

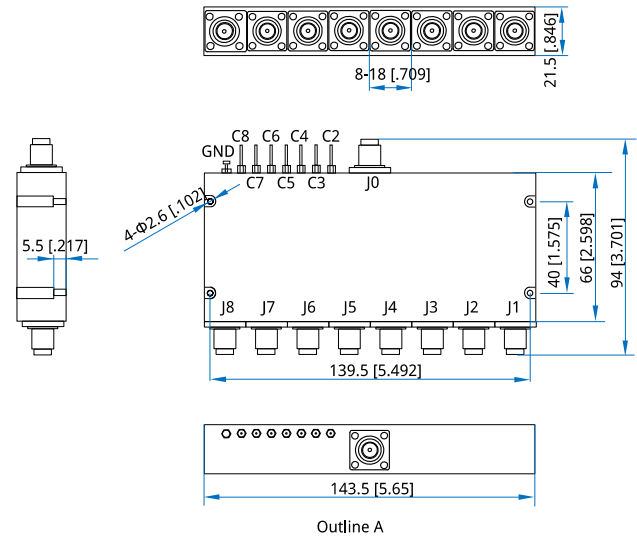
F - F (Outline A)  
 B - BNC

Examples:

To order a SP8T switch, F Female, DC-2.15GHz, Failsafe, +12V, Pin, specify QMS8F-2.15-0E0.

Customization is available upon request.

### Outline Drawings



Unit: mm [in]  
 Tolerance: ±0.5mm [±0.02in]

RF Path	C2	C3	C4	C5	C6	C7	C8
J0 to J1	0	0	0	0	0	0	0
J0 to J2	+12V	0	0	0	0	0	0
J0 to J3	0	+12V	0	0	0	0	0
J0 to J4	0	0	+12V	0	0	0	0
J0 to J5	0	0	0	+12V	0	0	0
J0 to J6	0	0	0	0	+12V	0	0
J0 to J7	0	0	0	0	0	+12V	0
J0 to J8	0	0	0	0	0	0	+12V