

# IQ4080MP2 IQ Mixer

4.0 to 8.0 GHz operation



Features
Broadband Frequency Operation
Excellent Conversion Loss
High port-to-port isolation
Frequency Converter Applications

Maximum Ratings	
Operating Temperature	-55 to +125°C
Storage Temperature	-65 to +150°C
Peak I/P Power For Any Port	+23 dBm Peak
Peak I/P Power For All Ports	+26 dBm Peak
Peak I/P Current @ +25°C	100mA

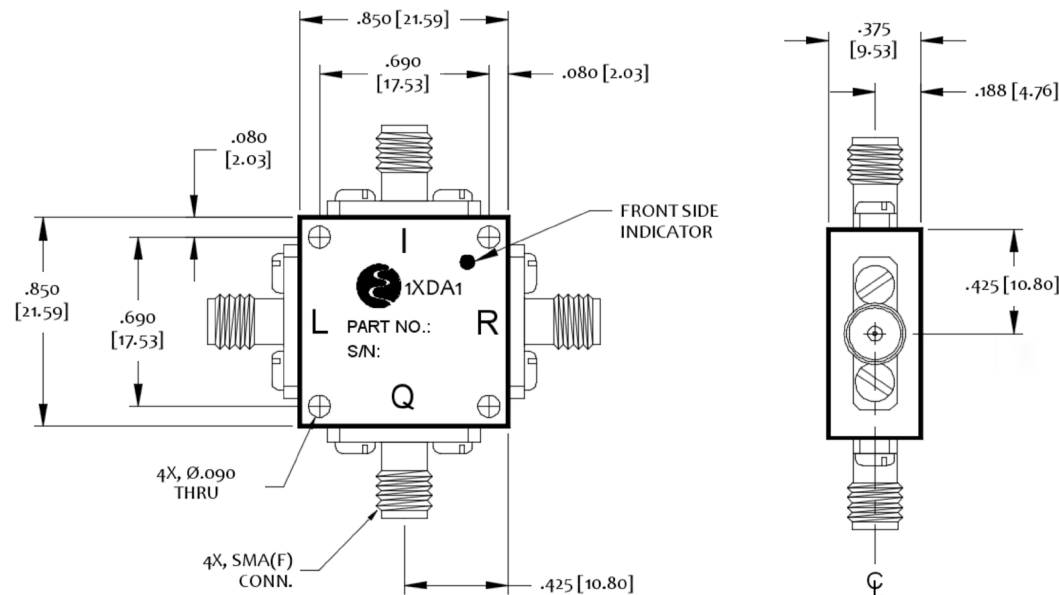
Product Export Classification
ECCN: EAR 99 (unless otherwise specified)
HTS: 8541.10.0000

Parameters	Freq. (GHz)	Minimum (dB)	Typical (dB)	Maximum (dB)	Units	Conditions
<b>Conversion Loss</b>						
RF Input						
LO Input	1.0 to 2.0					
IF Output						
VSWR	LO&IF RF					
<b>Isolation</b>						
L-R Isolation		25.0	30.0		dB	
L-IQ Isolation		22.0	30.0		dB	
RF-I/Q						
Spurious (In-band) 4IF						
Input IP3						
1dB Compression Point			+1.0		dBm	
LO Drive						
Image Rejection						
Amplitude Match			0.2		dB	
Phase Match			3.0		°	

**NOTES:**

1. Typical values are measured at +25°C and are not guaranteed.

Package Outline: P2



DISCLAIMER: Subject to change without notice. Rev(-) 09/5/19 1