



MODEL #CSR080910-02 (Subsystem)

X-Band Down Converter

ELECTRICAL SPECIFICATIONS @ T =25°C, 50• SYSTEM

Parameter	Min	Typ	Max	Unit
RF	8.5		9.7	
LO	8.44	9.64 nom@FF:60Ghz for fLo<fRF		GHz
N.F			+10	dB
Conversion Gain	20dB Min (-7dB Mixer Loss;+27dB IF Amp. Gain)			dB
IF	50		70	MHz
RF/LO Isolation	+20			dB
Rejection	20@fLO(8.44) > fRF(8.38)			dBm
LO Input Power	+10dBm			dBm
VSWR (in/out)			1.5:1	-
DC	12V @ 180mA Typ			

ENVIRONMENTAL CHARACTERISTICS

Parameter	Min	Typ	Max	Unit
Operating Temperature				°C

MECHANICAL SPECIFICATIONS

Parameter	Value	Units	Limits
Dimensions or Package	2.685x1.107x0.638	Inch	Max
Connectors	SMA-F		