

## Active Mixer

## AMCY-ED12565

Level 1 (LO Power + 1 dBm)

### Important Note

This model has been designed, built and tested in our engineering department. Performance data represents model capability. At present it is a non-catalog model. On request, we can supply a final specification sheet, part number and price/delivery information.



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CASE STYLE : BJ293

ELECTRICAL SPECIFICATIONS 50Ω @ +25°C					
Parameter		Min.	Typ.	Max.	Units
Frequency	LO (f <sub>L</sub> to f <sub>u</sub> )	620		1300	MHz
	RF (f <sub>L</sub> to f <sub>u</sub> )	620		1300	MHz
	IF	115		299	MHz
Conversion Loss	Total Range		7.3		dB
LO-RF Isolation			20		dB
LO-IF Isolation			13		dB
Input IP3			+28		dBm
1 dB Compression			+15		dBm
DC Voltage			5		V
DC Current			90		mA

MAXIMUM RATINGS	
Operating Temperature	-40°C to 85°C
Storage Temperature	-55°C to +100°C

PIN CONNECTIONS	
LO	1
RF	5
IF	3
DC	7
GROUND	2,4,6,8