

Engineering Development Model

Active Mixer

AMCY-ED12679/1

Level 0 (LO Power 0 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 _L to f _U)	268		1310	MHz
	RF (f _L to f _U)	268		1310	MHz
	IF	161		177	MHz
Conversion Loss	Mid Band		7.1		dB
	Total Range		7.4		dB
LO-RF Isolation			19		dB
LO-IF Isolation			14		dB
Input IP3			+25		dBm
1 dB Compression			+15		dBm
DC Voltage			5		V
DC Current			90		mA

Note: mid band = [2f_L to f_U/2]

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