

Active Mixer

AMCY-ED11311A/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 (fL to fU)	392.5		1792.5	MHz
	RF (fL to fU)	392.5		1792.5	MHz
	IF	97.5		127.5	MHz
Conversion Loss	Mid Band		7.1		dB
	Total Range		7.4		
LO-RF Isolation			19		dB
LO-IF Isolation			15		dB
Input IP3			+27		dBm
1 dB Compression			+15		dBm
DC Voltage			5		V
DC Current				100	mA

Note: mid band = [2fL to fU/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