- Port impedance: input/output: 50 Ω
- NSV Prefix for Automotive and Other Applications Requiring Unique Site and Control Change Requirements; AEC−Q100 Qualified and PPAP Capable
- This is a Pb−Free Device

ABSOLUTE MAXIMUM RATINGS °

Symbol

ELECTRICAL CHARACTERISTICS ° Ω

Symbol	Parameter	Conditions	Ratings			Unit
			Min	Typ	Max	
					–	
					–	
					–	
					–	
					–	
					–	
			–			
			–			
					–	
					–	
			–		–	

Test Circuit

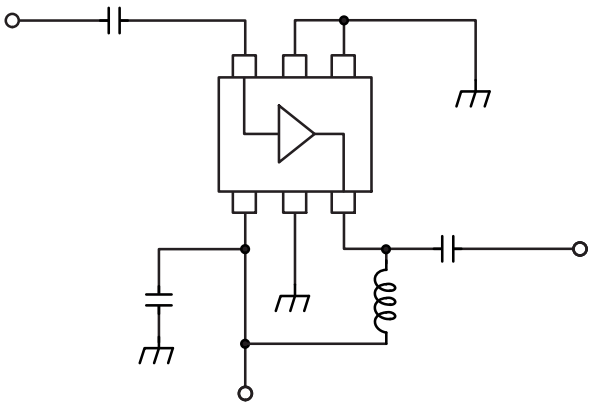


Figure 1. Test Circuit

Evaluation Board

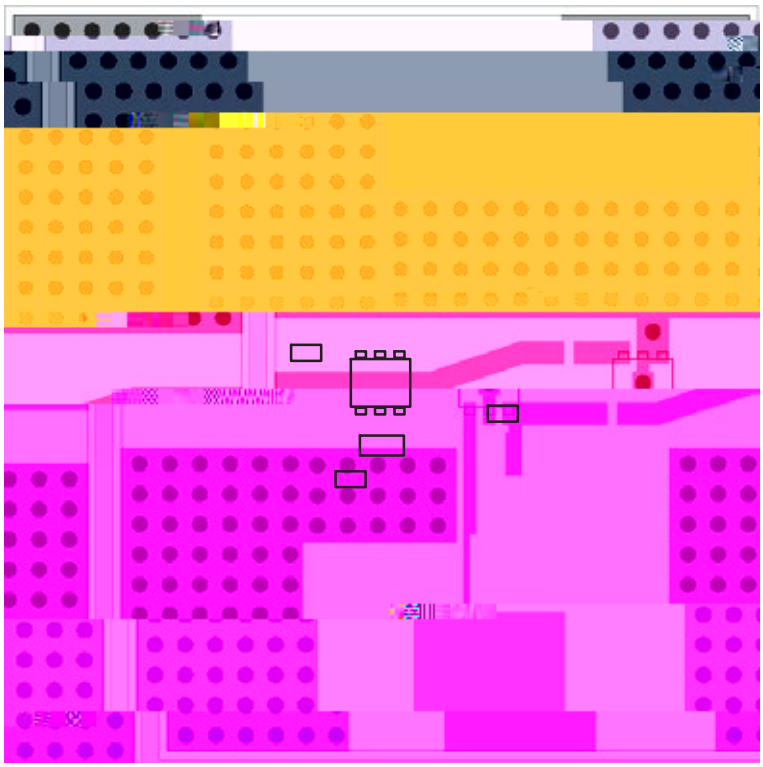


Figure 2. Evaluation Board

Characteristics

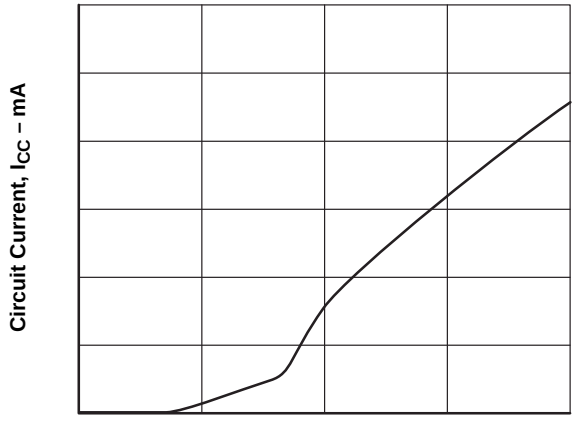


Figure 3. I_{CC} – V_{CC}

Output Level, Pout – dBm

S Parameter

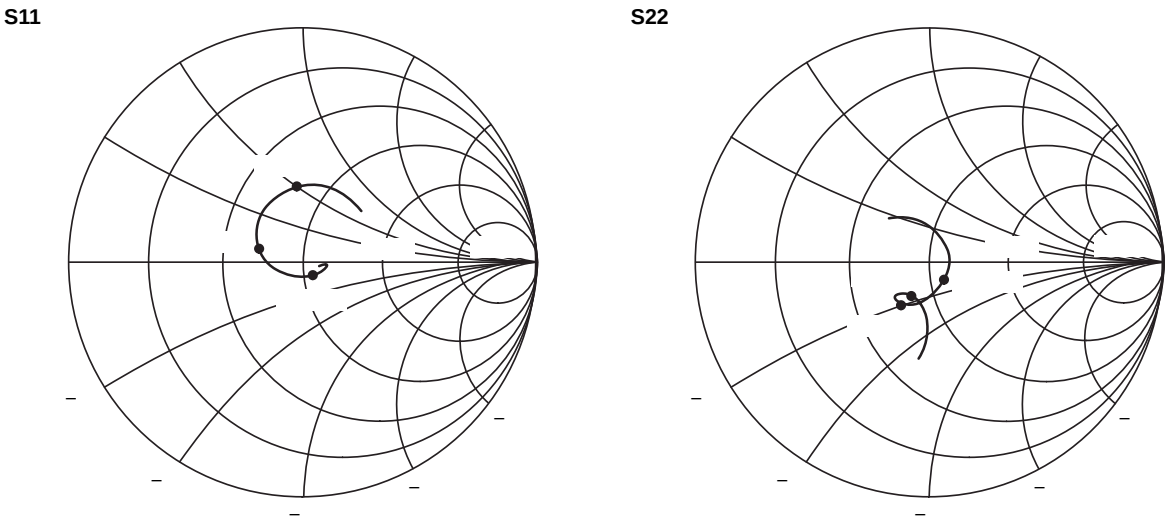
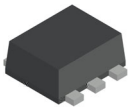


Figure 10. S Parameter

ORDERING INFORMATION

Device Order Number	Specific Device Marking	Package Type (JEITA, JEDEC)	Package Type	Shipping
		–	–	



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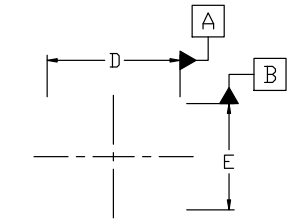
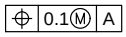
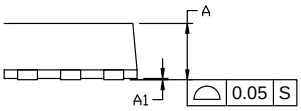
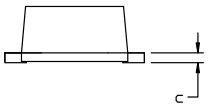




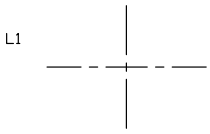
TOP VIEW



SIDE VIEW



FRONT VIEW



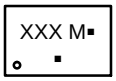
BOTTOM VIEW

NOTES:

1. NO INDUSTRY STANDARD APPLIES TO THIS PACKAGE.
2. ALL DIMENSIONS ARE IN MILLIMETERS.
3. DIMENSIONS ARE EXCLUSIVE OF BURRS, MOLD FLASH AND THE BAR PROTRUSIONS.

DIM	MILLIMETERS		
	MIN.	NOM.	MAX.
A	0.80	0.85	0.90
A1	0.00	---	0.02
b	0.25	0.30	0.40
c	0.12	0.15	0.25
D	1.94	2.00	2.06
E	1.54	1.60	1.66
He	2.05	2.10	2.15
L	0.19	0.25	0.31
L1	0.00	0.07	0.12

GENERIC
MARKING DIAGRAM*



XXX = Specific Device Code
M = Date Code
▪ = Pb−Free Package

(Note: Microdot may be in either location)

*This information is generic. Please refer to device data sheet for actual part marking. Pb−Free indicator, “G” or microdot “▪”, may or may not be present. Some products may not follow the Generic Marking.