

**Product Name:** ZX050-DFN1006(SOD882) DFN1006 (SOD882 ) breakout adapter SMA

**Product Description:** DFN1006 (SOD882) Breakout Adapter enabling characterization, functional testing of ANY DFN1006 (SOD882) packaged device using 50 Ω ( Ohms ) 35μ gold plated SMA connectors as access point. Designed in 4 layer PCBoard with improved signal integrity and crosstalk.

Ideal evaluation, bringup, and testing of any discrete component such as ESD diode using DFN1006 (SOD882) footprint package.

Available GND test point for ease of accessing inner GND layers along with top and bottom GND fills.

**Application:** Bringup, Characterization, testing, development, modular design evaluations

**Target DUT :** Designed specifically for any DFN1006 (SOD882) SMD device with SMA connector access

**Pitch:** Standard DFN1006 (SOD882) SMD package or equivalent

**Headers:** Ground access test point (GND) - 0.025" SQ with 0.32" (5.6mm) post height

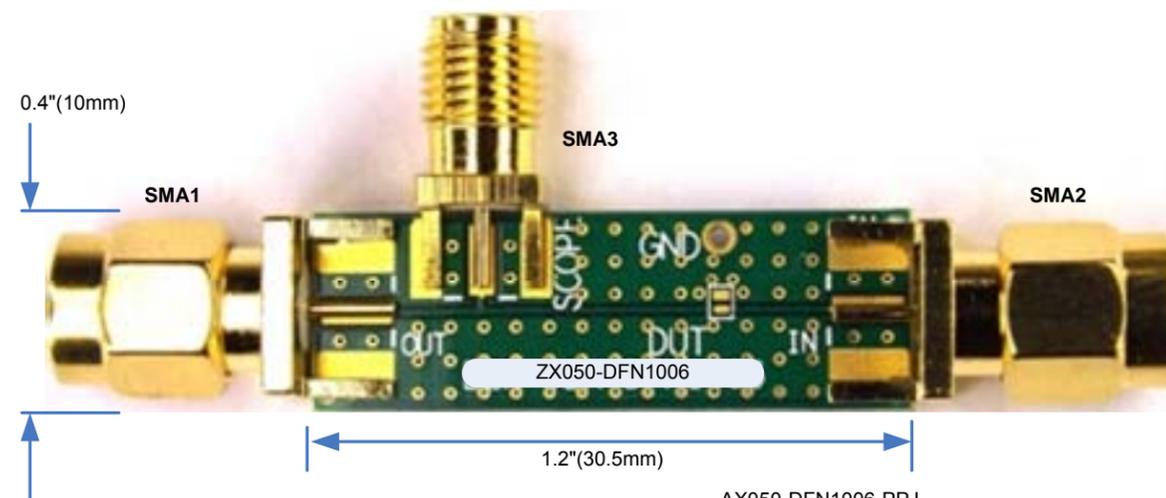
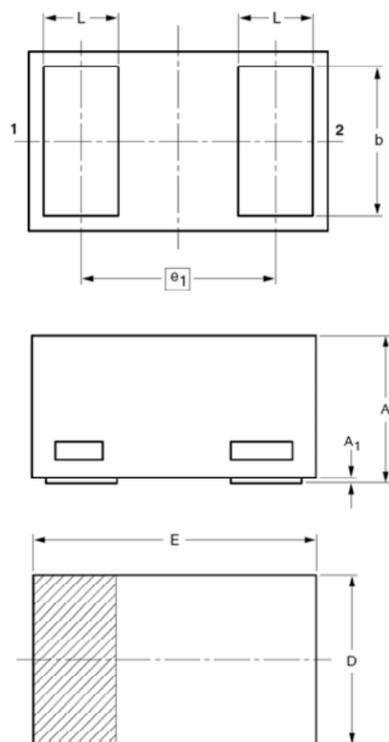
**DUT landing pads:** Leadless ultra small package – 2 terminal – Body 1.0x0.6x0.5mm (Length Width Height ) or equivalent

**DIMENSIONS ( mm )**

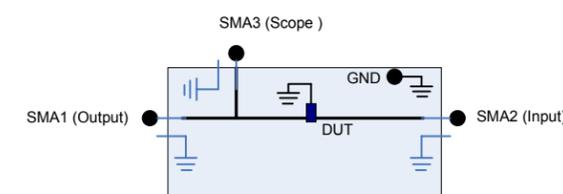
UNIT	A(1)	A1(Max)	b	D	E	e1	L
mm	0.50		0.55	0.62	1.02	0.65	0.30
	0.46		0.47	0.55	0.95		0.22

OUTLINE Version	REFERENCES			
	IEC	JEDEC	JEITA	
SOD882				

**SMA:**  
 Impedance: 50Ω  
 Temp Range: -65°C +165°C  
 Vibration: MIL-STD-202, Method 213  
 Frequency Range: DC – 12GHz  
 Working Voltage: 335V max  
 Withstand Voltage: 1000V rms  
 Center Contact: ≤3mΩ  
 Outer Contact: ≤2mΩ  
 Insulation resistance: ≥5000MΩ  
 VSWR Straight: ≤1.15 ( 0.8-2.5G)



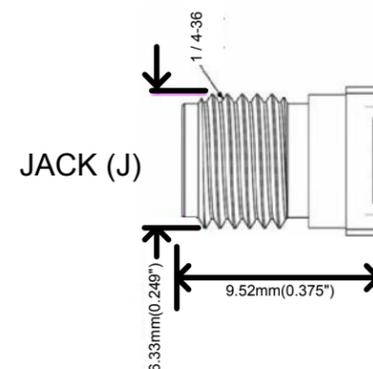
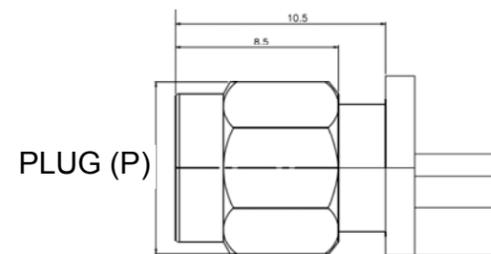
**Simplified Block Diagram:**



Ordering INFO: SMA  
 Part Number 1 2 3  
 ZX050-DFN1006-J J J  
 ZX050-DFN1006-P P J  
 ZX050-DFN1006-X X X

-XXX orders, please specify required SMA type connectors when ordering as "the instruction" or "Note".

**NOTE:** ZX050-DFN1006 is shipped without DUT. Zebax offers **FREE DUT installation for any order.** Please email for instructions



Note  
 ALL ZEBAX products are RoHS compliant and Lead Free unless otherwise indicated.

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SPECIFIED DIMENSIONS ARE INCHES (MM). ROHS COMPLIANT	ASSEMBLY DRAWING	
	ITEM: ZX050-DFN1006(SOD882)	
DESCRIPTION: DFN1006 (SOD882)breakout adapter SMA		
CHECKED: M. MARINA	DRAWN: SLAVIK	REVISION: 1.0 SHEET: 1 OF 1

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