

Product Name: ZX050-DFN0603(SOD962) DFN0603 (SOD962) breakout adapter SMA

Product Description: DFN0603 (SOD962) Breakout Adapter enabling characterization, functional testing of ANY DFN0603 (SOD962) 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 DFN0603 (SOD962) 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 DFN0603 (SOD962) SMD device with SMA connector access

Pitch: Standard DFN0603 (SOD962) 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 0.6x0.3x0.3mm (Length Width Height) or equivalent

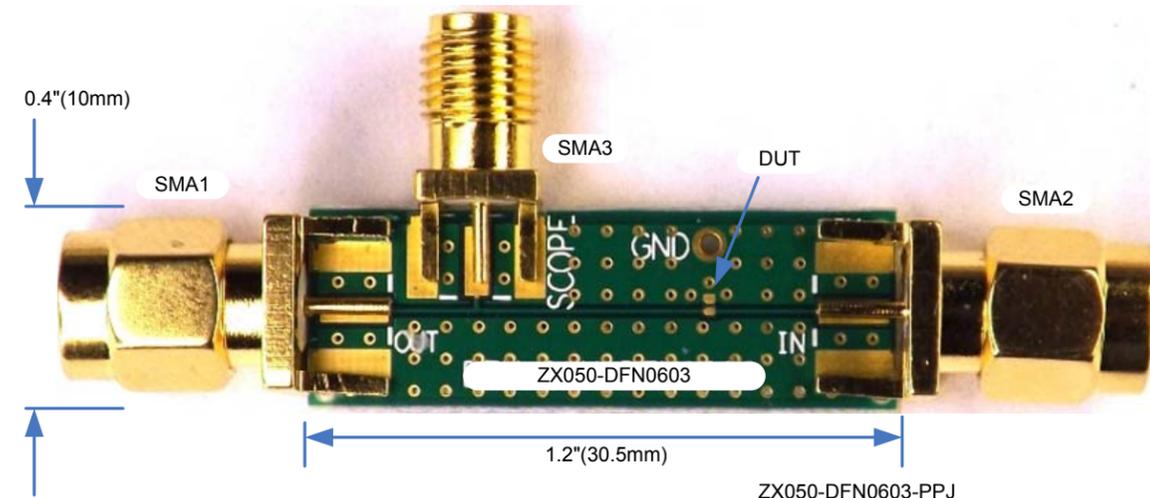
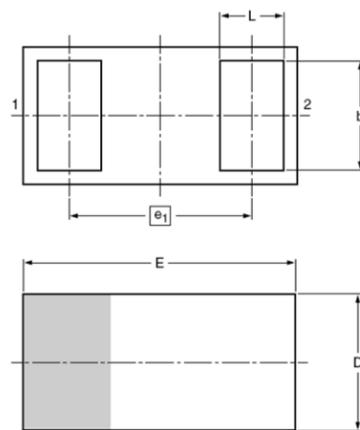
DIMENSIONS (mm)

UNIT		b	D	E	e1	L
mm	max	0.25	0.325	0.625	0.40	0.15
	nominal					
	min	0.23	0.275	0.575		0.13

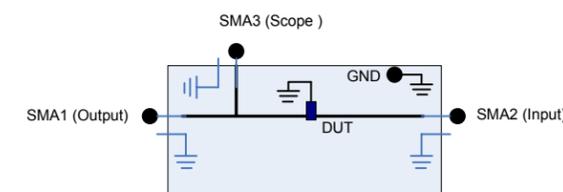
OUTLINE Version	REFERENCES			
	IEC	JEDEC	JEITA	
SOD962				

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:

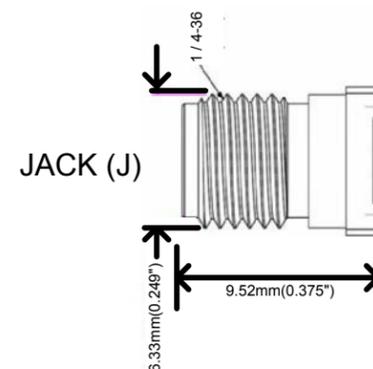
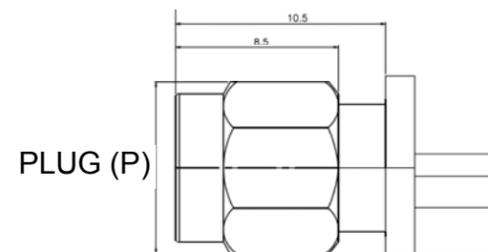


Ordering INFO:

Part Number 1 2 3
 ZX050-DFN0603- J J J
 ZX050-DFN0603- P P J
 ZX050-DFN0603- X X X

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

NOTE: ZX050-DFN0603 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.

ZEBAX TECHNOLOGIES SANTA CRUZ, CA U.S.A (831) 2 2 2 - 0717 WWW.ZEBAX.COM		
SPECIFIED DIMENSIONS ARE INCHES (MM). ROHS COMPLIANT	ASSEMBLY DRAWING	
	ITEM: ZX050-DFN0603(SOD962)	
DESCRIPTION: DFN0603 (SOD962)breakout adapter SMA		
CHECKED: M. MARINA	DRAWN: SLAVIK	REVISION: 1.0 SHEET: 1 OF 1

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