

Product Name: ZX110x4 Mictor Breakout Adapter Expander

Product Description: Mictor breakout adapter expander offering onboard Mictor connectors one Plug and 3x Socket (Receptacle). Designed for interfacing host with target while using Logic Analyzer for debugging, test and validation.

Designed in 4 layers PCBoard with 50 Ohms trace impedance. The 2 inner PCB layers are Ground plane connected to the Mictor connector ground blades (pins) and the GND test point. GND test point is an ideal interface to Logic Analyzer or any test equipment. Improved signal integrity and crosstalk.

ZX110x4 expander signal connection has pass through configuration where Pins 1..38 of J1 is connected to J2 (Pins 1..38) J3 (Pins 1..38) and J4 (pins 1..38).

ZX110x4 is an ideal test module expander for use with both Logic Analyzer and multiple DUT modules.

Application: Bringup, testing, emulation, development, modular design evaluations

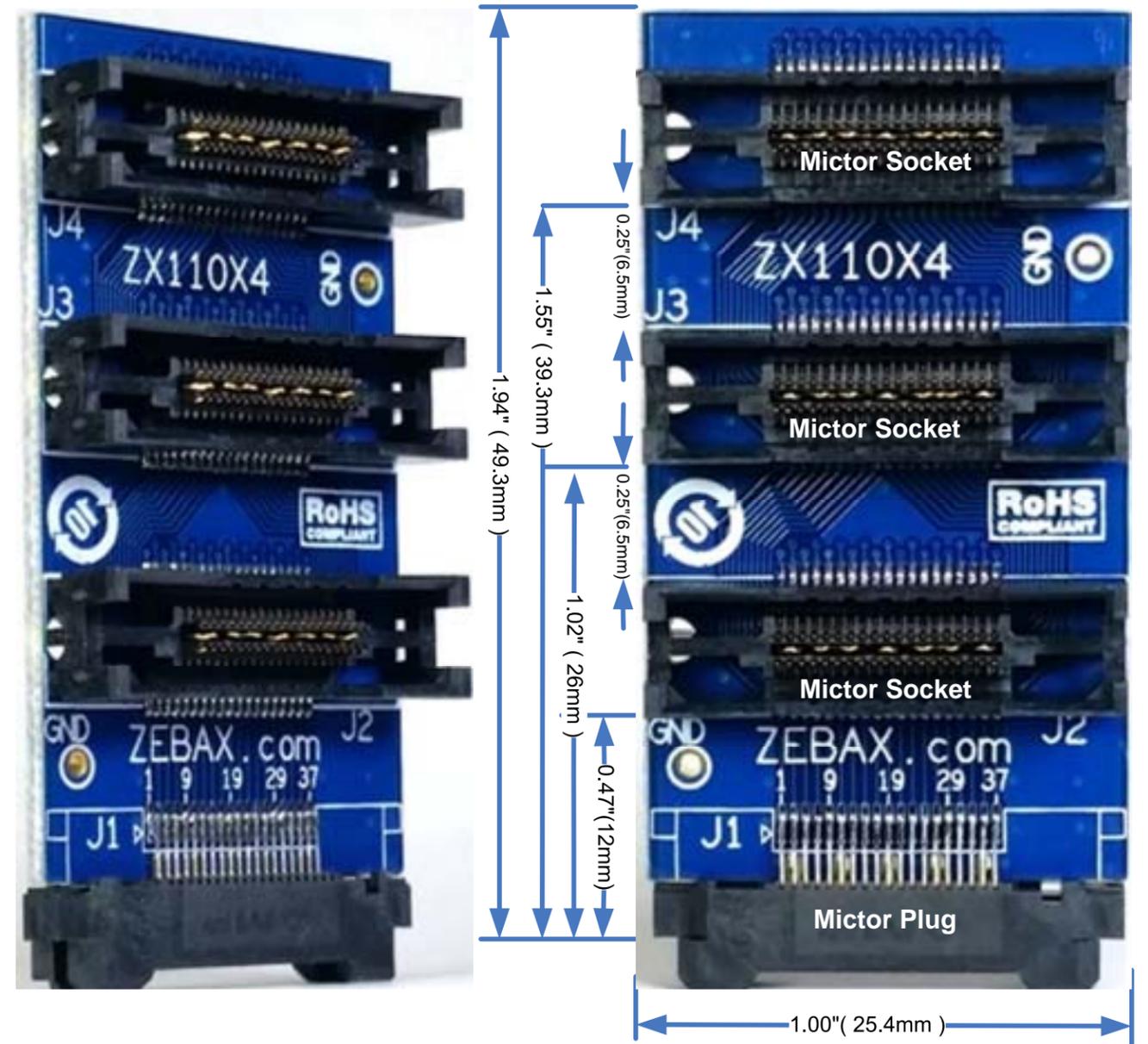
Mates with : Any Tyco's 38 pins Mictor Plug and Socket offered at any height
Agilent 5346-6002 E5339A E5334A E5351A E5346-6002 E5346-63201

Pitch: 0.64mm (0.025") centerline contact spacing connector, Legacy Mictor - High Speed connector

Headers: 0.1" (2.54mm) center, 0.025" SQ with 0.32" (8.13mm) post height

Test Point	Mictor pin #	Duplicate pin # at header
GND	center blade	Ground

GND TP is connected to Mictor's GND center blade (tab) as well as 2 internal ground planes.



NOTE: Pin 1 through 38 of the Plug is connected to pin 1 through 38 of Sockets (Receptacles – J2, J3, J4 connectors) in pass through configuration. ZX110x enables interface to Logic Analyzer and device under test.

Note
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SPECIFIED DIMENSIONS ARE INCHES (MM). ROHS COMPLIANT	ASSEMBLY DRAWING	
	ITEM: ZX110x4 Expander	
DESCRIPTION: Mictor breakout adapter expander		
CHECKED: M. MARINA	DRAWN: SLAVIK	REVISION: 1.0 SHEET: 1 OF 1

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