

Product Name: ZX110-38-PLUG-SOCKET Mictor Breakout Adapter

Product Description: Mictor breakout adapter Plug and Socket (Receptacle) - 38 pin Tyco/AMP/TE. Offering both Plug and Socket (Receptacle) connectors onboard ZX110 Mictor breakout adapter – Test module. Designed in 4 layers PCBoard with improved signal integrity and crosstalk.

The 2 inner pcb layers are Ground plane connected to the Mictor GND blade (tab) as well as to the GND test point. Ideal interface to scope, logic analyzer or any test equipment.

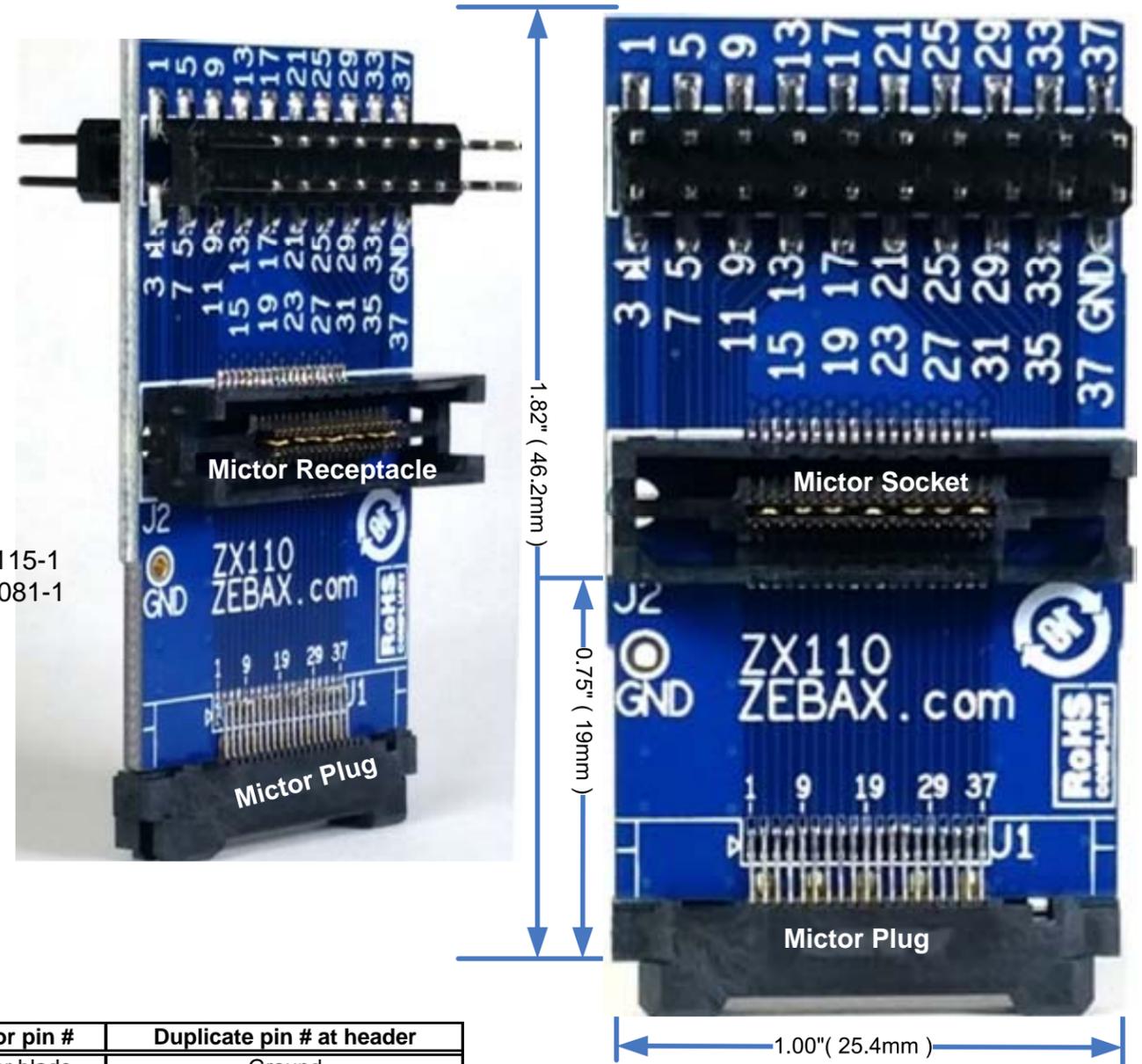
ZX110 is an ideal test module for use with both Logic Analyzer and scope. Additionally, ZX110 Mictor breakout adapter, test module may be used between Host and DUT with full access to all signals via the headers.

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

Mates with : Any Tyco's 38 pin Mictor Plug or Socket offered at any height
 2-767004-2 767096-8 767096-1 767110-1 767114-1 767114-8 767181-1 767054-1 767171-1 767081-1 767115-1
 2-5767004 5767096-8 5767096-1 5767110-1 5767114-1 5767114-8 5767181-1 5767054-1 5767171-1 5767081-1
 5767115-1 767130-1 767146-1 767146-8 767094-1 767178-1 767178-8 767154-1 767153-8 767095-1
 5767130-1 5767146-1 5767146-8 5767094-1 5767178-1 1761316-8 5767154-1 5767153-8 5767095-1
 767044-1 767007 767056 767111 767116 767117 767118 767119 5767006 5767044
 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



ZX110- Mitor 38 Plug to Socket pin configuration

TOP	Mictor_Socket	J2	1, 3, 5, 7, 9, .. 37
BOTTOM			2, 4, 6, 8, 10, .. 38

Layer	Header	1	5	9	13	17	21	25	29	33	37
TOP	top-header										
		3	7	11	15	19	23	27	31	35	GND

TOP	Mictor_Plug	J1	1, 3, 5, 7, 9, .. 37
BOTTOM			2, 4, 6, 8, 10, .. 38

Header	4	8	12	16	20	24	28	32	36	GND
BOTTOM bottom-header										
	2	6	10	14	18	22	26	30	34	38

Header numbering refers to the Mictor's pin number
 "GND" header pins are connected to the 2 internal ground planes as well as top/bottom GND fills.

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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 of the Plug is connected to Pin 1 of Socket (Receptacle). ZX110 enables interface to Logic Analyzer and scope. Additionally, ZX110 can be used between Host and Target with full access to all signals.

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: ZX110-38-PLUG-SOCKET	
DESCRIPTION: Mictor breakout adapter 38 pin Plug Socket		
CHECKED: M. MARINA	DRAWN: SLAVIK	REVISION: 1.0 SHEET: 1 OF 1