

Product Name: ZX105-38-PLUG-SOCKET Mictor Breakout Adapter

Product Description: Mictor Breakout Adapter - Plug and Socket (Receptacle) - 38 pin Tyco/AMP/TE. Offering both Plug and Socket on one breakout adapter. Designed in 4 layer PCBoard with improved signal integrity and crosstalk.
Available SDA, SCL, +5V, VG test points for direct connection.

ZX105 can be used in Bypass where ZX105 is placed between Host and Target.

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

Mates with : Any Tyco's 38 pin Mictor 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

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

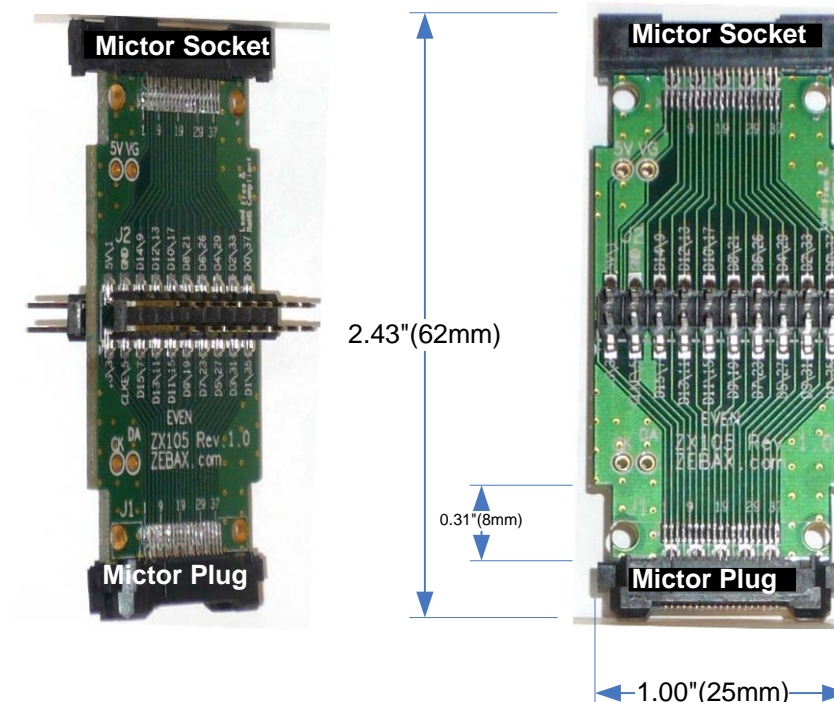
767044-1 767007 767056 767111 767116 767117 767118 767119 5767006 5767044

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

NOTE: Pin 1 of the Plug is connected to Pin 1 of Socket, enabling target board debugging by using ZX105 in between Host and Target device..



ZX105- Mictor 38 Plug to Socket pin configuration												
TOP	Mictor_Socket	J4	1, 3, 5, 7, 9, .. 37									
BOTTOM			2, 4, 6, 8, 10, .. 38									
Layer			5V	GND	D14	D12	D10	D8	D6	D4	D2	D0
TOP	J2	1	9	13	17	21	25	29	33	37		
		3	5	7	11	15	19	23	27	31	35	
TOP	Mictor_Plug	J1	1, 3, 5, 7, 9, .. 37									
BOTTOM			2, 4, 6, 8, 10, .. 38									
BOTTOM	J3	36	32	28	24	20	16	12	8	6	4	5V
		38	34	30	26	22	18	14	10	GND	2	5V
Marked red pin on J2, J3 are Pin #1 of the associated header.												
		1	Mictor standard naming convention for use with Logic Analyzer Header is assigned to Mictor pin #1									
Matching Plug & Socket pin 1 polarity												

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: ZX105-38-PLUG-SOCKET	
DESCRIPTION: Mictor breakout adapter 38 pin Plug Socket		
CHECKED: M. MARINA	DRAWN: SLAVIK	REVISION: 1.0 SHEET: 1 OF 1

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