	1		1	2	1	3		4	5	1	6	
	Product Name):	ZX121 – F	PCISIG mini P	Cle passive	breakout exte	ender adapte	er	-			
F	Product Desci	-	ZX121 is a mini PCIe passive breakout extender adapter module, providing access to all 52 PCIe signals. ZX121 mates with host and device under test. It is designed for real-time Test & Measurement, signal integrity, characterization, manufacturing test and debug of any mini PCIe design interface. ZX121 inner ground planes, stitching vias and the top & bottom GND fills are all connected together and accessible via the GND Test Points, TP, as well as the Mounting Holes, MH.							x121 ebax.com		
	1- Provic	des access	s to ALL 52 m	nini PCIe PCISIG	i signals via ont	board 0402 SMD s	hunt packages				л	
E	2- Onboa 3- ZX12 purpos 4- Listed 5- All tra 6- Four I	ard 0402 S 1 is design se of debu I number a ces are 50 ayers PCE	MD shunt pa ed to be inse gging, deve djacent to ea Ohms impe design, inne	ackage may be c erted into the hos lopment, testing a ach 0402 SMD sh dance controlled	ut and redirecter and interfaced and characteriz nunt package re with exception D planes with d	ed to another signa d with target , or an ation. epresents the asso al signal integrity & irect connection to	al or probed for by evaluation b ciated mini PC crosstalk.	signal test & measureme bard (development boar le connector's pin numbe vias & top/bottom GND t	d) for er.		I application Zebax.com	X121
							interface. See	ordering information		Figure 1 Circi	10 1 12 ZX121	
-	Electrical:	Trace imp Operating		-		position		Bare solid copper to pin h assembly , ZX00BC2PH3			<u>Ω 3</u> <u>RS 0Ω</u>	
D		Platii Receptac Type:	ng: Gold 100	52 position	n			0.16" (4.2mm)		50 Ω : All traces are c J1 : mini PCIe PCISIC J2 : mini PCI Recepta GND – Inner GND plar		lable at the
-		Space Platin Curre Shunt:	er : 0.1" (2.54 lg: Gold 100	4mm) – See Figu IU .5A (maximum)	ıre 4	ç Ŧ	ZX121	Zebax.com i PCIe – side view dimer	nsions	J2 ^{50 Ω}	:	
с	Application:	Bringup,	testing, emul	lation, developme	ent, modular de	sign evaluations ,	manufacturing	loopback test, functional	connector saver			
	Mates with :	Any with	any standaro	d mini PCIe PCIS	IG host and de	vice – TE 1775861	1 Molex SD-48	338 and more		Shunt 0402 SM	ID package 0 Ω J1 esigned 50 Ω trace impedance control edge connector	
$\left - \right $	Ground :		• .	•	•		s are all conne	cted together and access	sible via the	GND – Inner GND plan	ies as well as GND stitching vias are availa P, and the Mounting Holes, MH.	able at
		GND Tes	a points, ip,	as well as the N	nounting holes,	МП.						Order Part nu
в			5-7-						Complian ISO2001 certifie RoHs - Lead Fr EU RoHS2	ed ee	Z	ZX121 ZX00B ZX00B
									European Unio Halogen Free p	irective (Directive : n Directive (203/11 er IEC-61249-2.21	2000/EC) //EC)	Note A
		1X121 26							RoHs Directive WEEE Directive Certificate of Co	e (2012/12/EU)	pactive substances	Z] SAI WW
А	Notice		E O OND						Certificate of Co Certificate of Co Certificate REA	ompliance for Asbe ompliance for Ozor	stos ne Depleting Substances, ODS	SPI ARI RO
	ALL ZEBAX TECHNOLOGIES I							EBEING PROVIDED "AS IS." ZEBAX MA CHANTABILITY, AND FITNESS FOR A		SSED,		DE
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