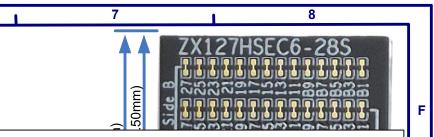
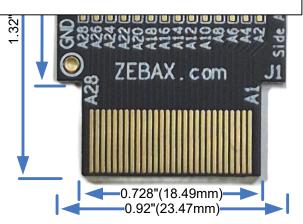
	1	1	2	1	3	1	4	1	5		6	
ſ	Product Name	e: ZX127HSEC	6-28H Samtec G	ENERATE I	HSEC6 / Mini (Cool Edge I	O , MCIO, edge	card breako	ut adapter – Page 1	I OF 2		
F		ZX127HSEC6-28	'HSEC6-28H is Sarr H is designed for real-t		•		-		02 , edge card breakout ring loopback test		_	
			cout adapter, supportin HSEC6 / MCIO conne	ng Samtec GE ector's signals	NERATE HSEC6 via onboard head	/ MCIO edge ers for purpos	card 0.6mm pitch co e of test & measure	nnectors using ment.	1.6mm PCB thickness.			PLE/ /ith d
	2- The h	headers are standar	amtec HSEC6 / MCIO rd 0.1" (2.54mm) pitch to each header's pin is	h.		EC6 / MCIO co	onnector's pin.					
E	5- Four, 6- Acces 7- Ease	ssible GND test point of interface with sir	gn, inner layers are Gl nt, The test point is co ngle channel and differ	nnected to inn rential scope p	probes.							
	8- Flying	g lead wire assembl	ly or similar is recomm	iended – See o	ordering information	n	ZX127HSEC6-28H	simplified cross	section diagram			
1	Trace in	sertion loss >-2dB npedance: 50 Ω ng Temperature: -5{	•					11				
D	•	ard Connector:	mtec HSEC6 / MCIO 0 pin to pin pitch mm (0.062")	0.60mm pitch o	connector				HDR: Header			
-	Header:	Pitch: 0.1" (2.5	54mm) pin to pin pitch 0.025" (0.635mm) 6mm)					HOST PCB				
с	Application:		lash st measurement & re-u aracterization , pre-brir				Note: Signal layers Ground layers, Please note 1- Top/Bottom GND fill 2- The inner layers groun HSEC6 / MCIO signals	d planes	onnector to:			
	Mates with :	Industry standard	ATE High Speed Edge Mini Cool Edge IO , N GH01 series. ACES Ele	MCIO , SFF-T/	A-1016, SFF-TA_1	•	1C					
			11 ME1005610203071 41 ME1005610211081 01						Compliance:	1	ZX127HSEC Part number ZX127HSEC	
в	Industry Stand	SFF-TA_1002, SF	& MCIO connectors ha FF-TA-1016, PCI Expre 64 Gbps PAM4 perfori	ess Gen 3.0, 4	4.0, 5.0, 6.0, OCP	DC-MHS (HS		R E L E	SO2001 certified CHs - Lead Free CU RoHS2 IL E111594 document CLV- Vehicle Directive (Directiv Curopean Union Directive (203	ve 2000/EC)	ZX100ACC-	SS Note
-								F	lalogen Free per IEC-61249-2 coHs Directive 2011/65/EU VEEE Directive (2012/12/EU)	,		Z
A									ertificate of Compliance for Ra certificate of Compliance for As certificate of Compliance for O certificate REACH SVHC certificate of Compliance RoHS	sbestos zone Depleting Sub		SP AF RC
			RAWINGS, PUBLICATIONS, AND O					EBAX MAKES NO WARF	ANTIES, EXPRESSED,			D
	Information furnished is believed	ed to be accurate and reliable. He	O THE MATERIALS, AND EXPRESS owever, Zebax Technologies assume ge without notice. This publication rep	es no responsibility for t	the consequences of use of su	uch information or for a	ny infringement of patents or othe	r rights of third parties that				CHI
L		i	2	1	2		4		5		6	_



EASE NOTE – Pictures on this document are placeholders along dimensions. This document will be updated in 10 days.



ZX100ACC-SS Flying leads wire assembly

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28H package includes:

	Quantity	Description				
-28H	1	Breakout Adapter module				
3	0	Flying lead wire assembly				

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LEBAX TECHNOLOGIES ANTA CRUZ, CA U.S.A (831) 2 2 2 - 0717 WW.ZEBAX.COM				
PECIFIED DIMENSIONS ASSEMBLY DRAWING			NG	
RE INCHES (MM). OHS COMPLIANT		ITEM: ZX127HSEC6-28H		
	amtec HSEC6 dge Card Brea	/ Mini Cool IO , akout Adapter	MCIO ,	
HECKED:	DRAWN:	AWN: REVISSION: 1.0		
M. MAHIN	KADIJEH	SHEET	: 1 OF 2	
7		8		' I

	1	2 ²	3	4	5	6
ſ	Product Name: Z	X127HSEC6-28H Samtec	GENERATE HSEC6 / Mini	Cool Edge IO , MCIO, edge	e card breakout adapter – I	Page 2 OF 2
F	GND test p	, , ,	fills. For improved signal integrity	layers. They are connected to the , please connect the GND test poi		
_	а	X127HSEC6-28H is designed for pproach in usage of breakout ada 1- Utilizing single or differential sc 2-Test and measurement, manufa	opters by : ope probe.	t full connector's bandwidth. It prov pre-bringup applications.	vides new	
E	2- In order	ommended to keep the probe wire	ease use the shortest Ground pro	bbe wire interfacing to the nearest e interface with host.	GND reference point.	
_	please refer to the st	andard for formal signals map nar	ning. This table denotes "SIG" of	als and Ground pins assignments "GND" PIN geometry locations. T ignals are routed similar to the SIC	he Grounds are not bussed	routed signals.
þ	Side A 1 2	H Pin Geometry Pattern (1C) S 3 4 5 6 7 8 9 10 SIG GND SIG SIG GND SIG SIG GN 3 4 5 6 7 8 9 10	0 11 12 13 14 15 16 17 D SIG SIG GND SIG SIG GND SIG	18 19 20 21 22 23 24 25 SIG GND SIG SIG GND SIG SIG GN 18 19 20 21 22 23 24 25	D SIG SIG GND	
	Header pin access conf	figuration: Table below is head	er's pin configuration			
C	ZX127HSEC6-28H head Bottom B-Side Headers	1 5 9 13 J4 1 5 9 13 J4 2 6 10 14 J5 3 7 11 15 4 8 12 16	17 21 25 18 22 26 19 23 27 20 24 28			
_	Top A-Side Headers Header pin numbers refer to the	J2 1 5 9 13 2 6 10 14 J3 3 7 11 15 4 8 12 16 edge card connector pin numbers. 11 15	17 21 25 18 22 26 19 23 27 20 24 28			
3	HSEC6 / MCIO footprint	: ZX127HSEC6-28H mates with in	ndustry standard footprint for SFF	-TA-1002 1C (2rows x 28 pins pe	er row) 56 pins connectors.	
A				ERIALS") ARE BEING PROVIDED "AS IS." ZEBAX MAI EMENT. MERCHANTABILITY. AND FITNESS FOR A P.		
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	ROHS COMPLIANT ITEM: ZX127HSEC6-28H					
CHECKED:	d B	Reakout Adapter	REVISSION: 1.0			
M. MAHIN	K	ADIJEH	SHEET: 2 OF 2			

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