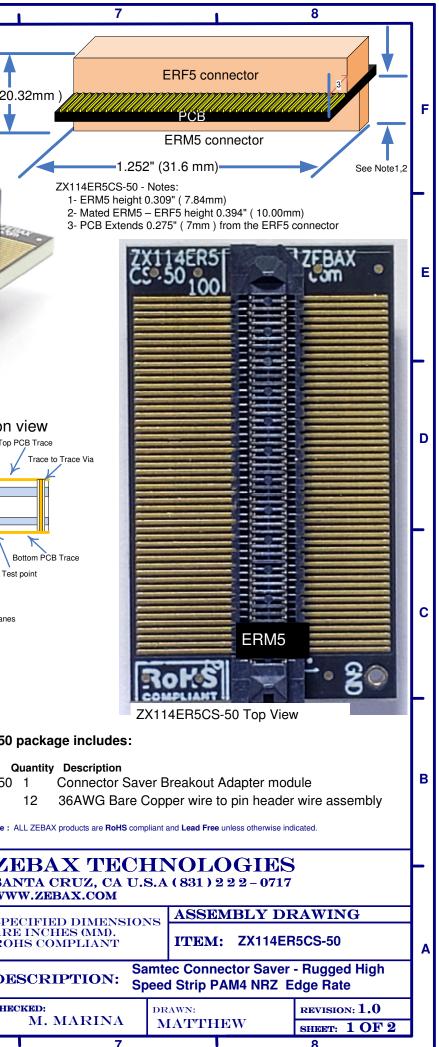
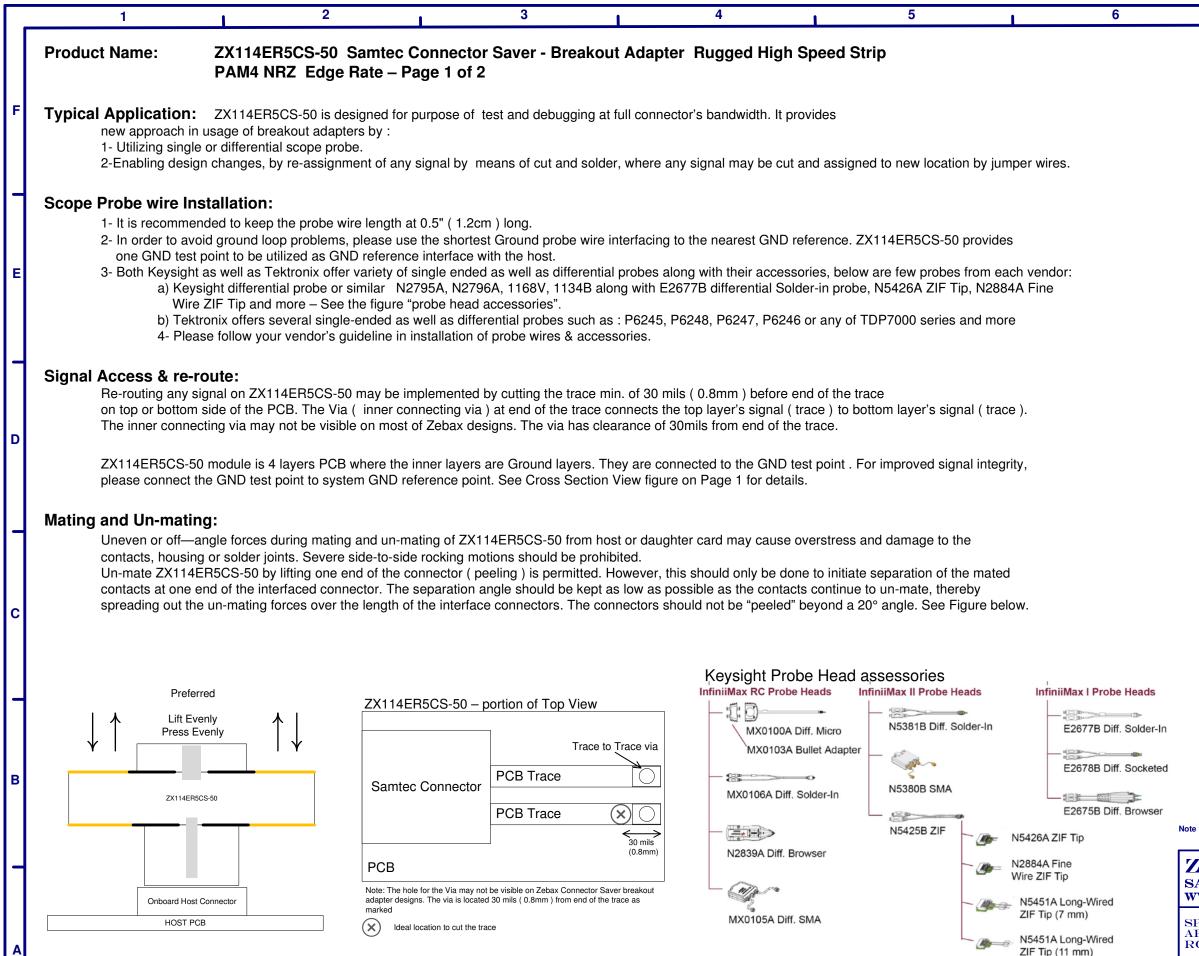
	1	2		3	4		5		6	
	Product Name: ZX	114ER5CS-50 Samte	ec Connector Save	er - Breakout Ada	pter Rugged Hig	h Speed Strip PAN	14 NRZ Edge F	late – Page 1	of 2	
F	-	<b>n:</b> 40 pins x 2 rows, 80 p ntec connectors on connec		-	-				0.80"	(2
E	2- All signals ha 3- All traces ha 4- All traces are 5- Four, 4, laye 6- Accessible G 7- Offering Exte 8- Mated ERF5 9- Ease of inter 10- User may re 11- Fully compa	signal is routed to associat ave 0.275" (7mm) trace ac ave 10mils (0.275mm) wide 50 Ohms impedance con rs PCB design, inner layer GND test point, The test po ended height ERM5 conner G-ERM5 (Host with ZX114 face with single channel and elocate any ERM5 signal b atible with Single Ended, S any height and formfactor	ccess on both top and bo dth, enabling soldering o trolled. s are GND planes. int is connected to modu ctor (0.309" – 7.84mm ER5CS-50) height 0.39 nd differential scope pro by cutting trace before th SE, and Differential Pair	ottom layers of the PC of any probe wires (36 ule GND planes. ) , providing interface 4" (10.00mm ) obes. ne via and solder to ne , DP, Samtec connect	B. AWG solid copper – S clearance from host c w location or external or ERF5 ERM5 series	See package includes ) omponents. test equipment. s as well as cable assen	ZX <sup>-</sup> Zeb	114ER5CS-50 bax.com		
		e is shipped with 12pc of p						ERF5		
D	Trace width: 10 Trace to Trace Trace Length: Trace to Trace	ce: 50 Ω perature: -55°C to +125°C 0mils ( 0.254mm ) Spacing: 10mils ( 0.254mr 0.275" ( 7mm ) via: 30mils (0.8mm) from 0	n) end of PCB trace		ZX114ER5CS-	-50 -Simplified Circu ERF5	it Diagram Z	X114ER5CS-5	50 Cross sect	tior ⊤∘
-	36AWG Bare c	e : 0.394" ( 10.0mm ) from opper wire : 0.042mm dia facturing test and re-use, b	meter - See package in	cludes, ZX00BC2PH1	PCB 50 Ω Trace		50 Ω Trace	•	GND	Ŕ
с	Mates with : Samte	ec Rugged High Speed St s with any ERM5 ERF5 cal	trip PAM4 NRZ Edge R	ate ERM05 , ERF05	All traces are controlled ION. The GND Test Point , ha	ERM5 50 Ω impedance as direct connection to inner PCB groun	d planes 4	Layers PCB design - where	ERM5	ND T
	Pitch: 0.50m	nm (0.0197") High Speed	connector							
-	Access: For signal measuremer 1- Recommend	nts: lation: Use 36AWG solid c	opper wire with pin head	der,ZX00BC2PH1 or s	imilar	<b>Complianc</b> ISO2001 certi RoHs - Lead F EU RoHS2	ied		ZX114ER5CS	3-5(
в	2- Using 36AW	e to the connecting via ( 30 G solid copper wire, make I4ER5CS-50 – portion of T	the required connection	,	& re-route, <b>Page 2</b>	UL E111594 c ELV- Vehicle I European Unio Halogen Free RoHs Directive	Directive (Directive on Directive (203/1 per IEC-61249-2.2 e 2011/65/EU	1/EC )	Part number ZX114ER5CS ZX00BC2PH	
_						Certificate of C Certificate of C Certificate of C Certificate RE	ve (2012/12/EU) Compliance for Rad Compliance for Asb Compliance for Ozo ACH SVHC Compliance RoHS_	estos ne Depleting Sub		Z SA W
		PECIFICATIONS, DRAWINGS, PUBLICATI				) "AS IS." ZEBAX MAKES NO WARRA	NTIES, EXPRESSED,	2.1_000		D
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