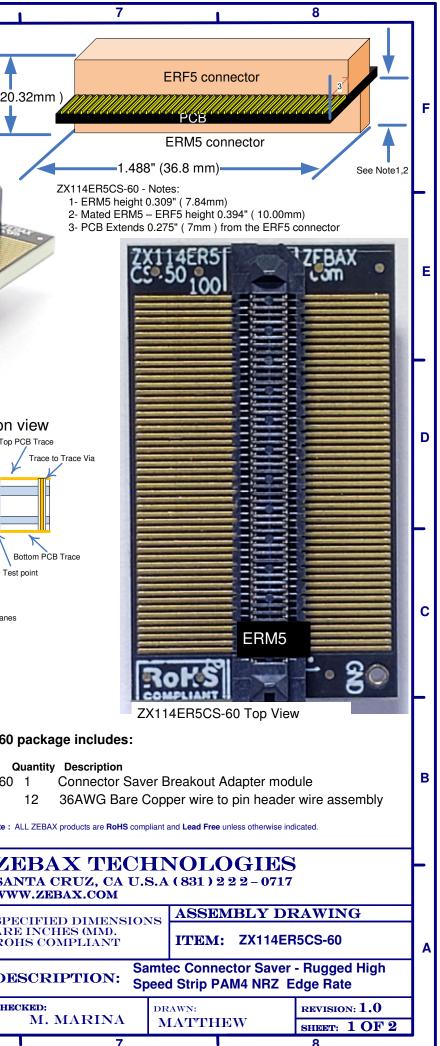
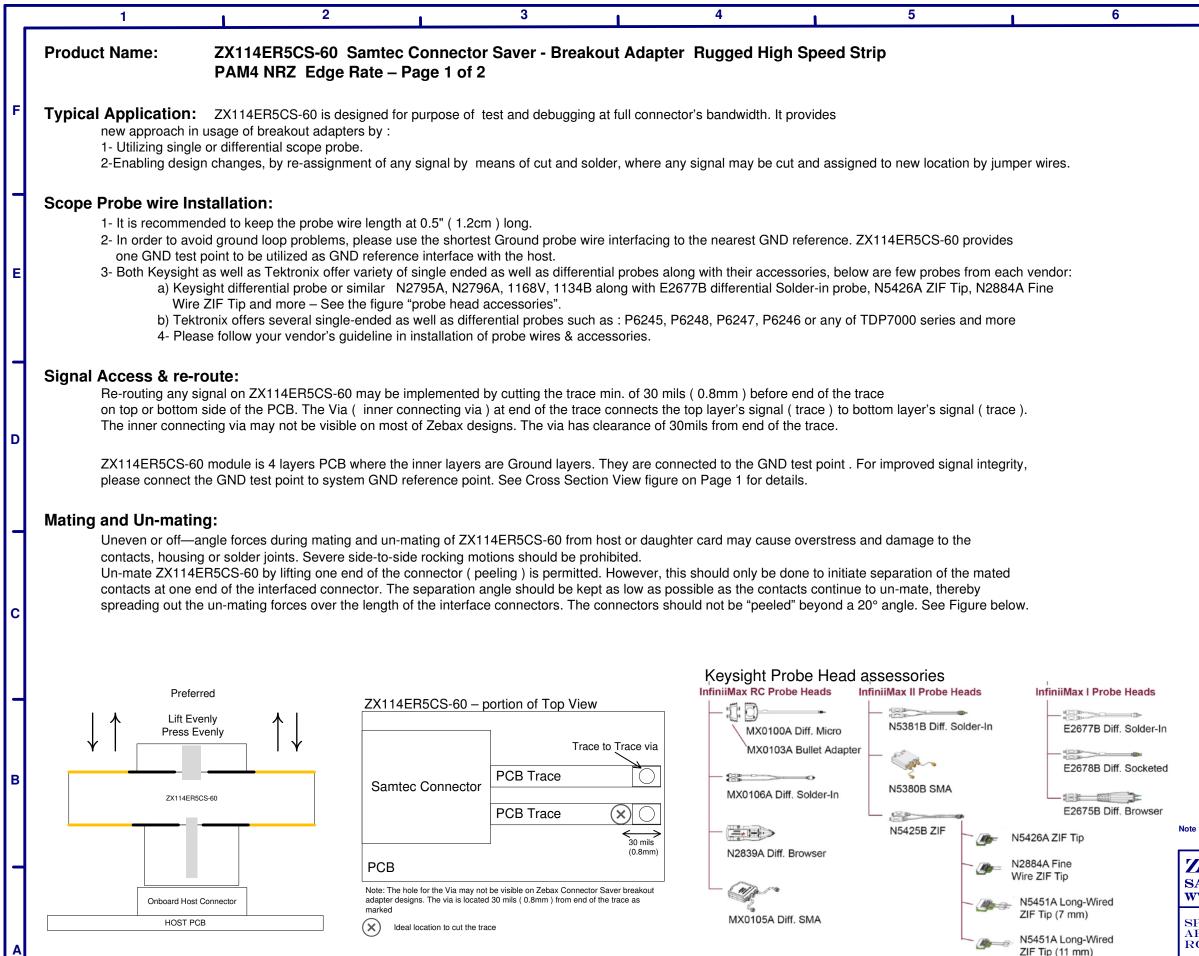
	1	2	3		4	5		6
	Product Name: ZX11	4ER5CS-60 Samtec Cor	nnector Saver - Break	out Adapter Rug	gged High Speed S	trip PAM4 NRZ Edg	ge Rate – Page 1	l of 2
F	-	40 pins x 2 rows, 80 pins Sar c connectors on connector save			-			0.80" (2
_	2- All signals have 3- All traces have 4- All traces are 50	nal is routed to associated ERM 0.275" (7mm) trace access or 10mils (0.275mm) width, enal 0 Ohms impedance controlled.	both top and bottom layers bling soldering of any probe	s of the PCB.			ZX114ER5CS-6 Zebax.com	0
Е	6- Accessible GND 7- Offering Extende 8- Mated ERF5-EF 9- Ease of interface 10- User may reloc 11- Fully compatib	PCB design, inner layers are Gl D test point, The test point is co ed height ERM5 connector (0.3 RM5 (Host with ZX114ER5CS- e with single channel and differ cate any ERM5 signal by cutting le with Single Ended, SE, and y height and formfactor ERF5 E	nnected to module GND pla 309" – 7.84mm), providing 60) height 0.394" (10.00m ential scope probes. g trace before the via and so Differential Pair, DP, Samte	interface clearance f m) older to new location ec connector ERF5 E	or external test equipme RM5 series as well as c		ERM5	2
-		shipped with 12pc of probing w	vires – See package include	es, ZX00BC2PH1			ERF5	
D	Trace width: 10mi	50 Ω ature: -55°C to +125°C		ZX11	4ER5CS-60 -Simplif	fied Circuit Diagram	ZX114ER5CS	-60 Cross sectior ERF5 To
_	Trace Length: 0.2 Trace to Trace via: PCB Clearance : 0 36AWG Bare copp	75" (7mm) 30mils (0.8mm) from end of F 0.394" (10.0mm) from Host P(per wire : 0.042mm diameter -	CB (ERF5 on host) See package includes, ZX0	00ВС2РН1	50 Ω Trace TP PCB 50 Ω Trace	TP 50 Ω Trace 50 Ω Trace 50 Ω Trace		GND PCB GND
с	Mates with : Samtec	turing test and re-use, bringup, Rugged High Speed Strip PAN th any ERM5 ERF5 cable asse	4 NRZ Edge Rate ERM05	All tra	ERI ces are controlled 50 Ω impedance IND Test Point , has direct connection to	-	4 Layers PCB design - whe	GND T ERM5 re 2 inner layers are Ground plan
		(0.0197") High Speed connect						
-	Access: For signal measurements: 1- Recommendation	on: Use 36AWG solid copper w	ire with pin header,ZX00BC	2PH1 or similar	ISC Rol	mpliance: 2001 certified Hs - Lead Free RoHS2		ZX114ER5CS-6
в	2- Using 36AWG s	the connecting via (30 mils [0 solid copper wire, make the req R5CS-60 – portion of Top View	uired connections. See Sign		, Page 2 ELV , Page 2 Eur Hale Rof	E111594 document /- Vehicle Directive (Dire opean Union Directive (2 ogen Free per IEC-61249 Is Directive 2011/65/EU	203/11/EC) 9-2.21:2003	Part number ZX114ER5CS-6 ZX00BC2PH1 Note
-						EE Directive (2012/12/E		nces
Α					Cer Cer Cer	tificate of Compliance for tificate of Compliance for tificate of Compliance for tificate REACH SVHC tificate of Compliance Rc	Asbestos Ozone Depleting Su	W
	Notice	CATIONS DRAWINGS PURI ICATIONS AND O						D
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