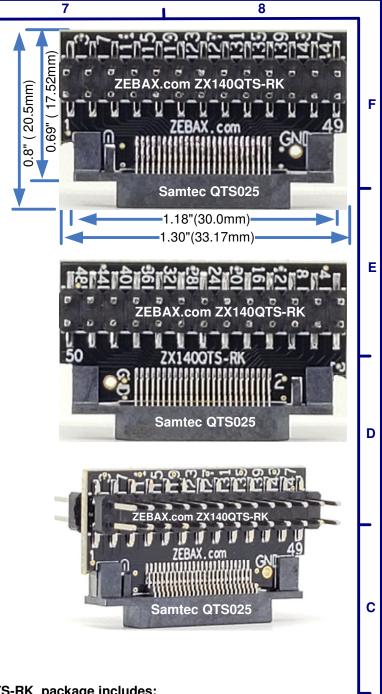
_	1		1	2		3		4	1	5	6	
	Product Name	): 2	ZX140QTS-R	K Samtec I	Breakout A	Adapter – in-s	ystem rackn	10unt – Iow	profile			
F	Product Desci	-	5pins per row x 2 rows > 50 pins Q-Strip Samtec breakout adapter designed for rackmount or low profile test and measurement pplications; servers or networking hardware in any standard rackmount – Onboard QTS-025 Samtec connector, mating with QSS-025 onnector series.									
-	<ol> <li>Each QTS-025 connector's signal is routed to onboard header.</li> <li>Listed number adjacent to each header pin represents the associated Samtec QTS pin number.</li> <li>All traces are 50 Ohms impedance controlled.</li> <li>Four layers PCB design, inner layers are GND planes.</li> <li>One accessible GND test point, The test point is connected to module's GND planes and direct interface to the connector GND blade.</li> <li>Offering Low profile design, targeting in-system rackmount or low profile design test &amp; measurement applications.</li> <li>Ease of interface with single channel and differential scope probes.</li> </ol>											
Е	<ul> <li>8- Fully compatible with Single Ended , -D, and Differential Pair, -DP, Samtec connector QSS QTS series as well as cable assemblies; SQCD</li> <li>9- Mates with any height and form factor QSS-025 connector series such as -D -DP, -RA, -EM configurations.</li> <li>10- Flying lead wire assembly may be used for board to board interface – See ordering information, see ZX100ACC-SS</li> </ul>											
-	Electrical:	Trace imp	oss > -2dB @30 edance: 50 Ω Temperature: -{		C					ZX140QTS-	RK simplified cross sec	-
D		Samtec Co Onboarc Mates w Pitch: 0 Plating: Header:	onnector: I Connector: QT ith: Any QSS-02 .025" ( 0.635mm Gold Flash	S-025-xx 2rc 25-xx formfacto ) pin to pin pi	ows x 25 pins/ or	/row						IDR: Header
-	Application:	Pin: S Height: Plating:	.1" ( 2.54mm ) pi equare 0.025" ( 0 0.24" ( 6mm ) Gold Flash	.635mm )	t modular da	esign evaluations				1- Top/Bottom GI 2- The inner laye	rs ground planes	ector to:
	Application.	ышуир, t	esting, emulation	i, developmen	t, modular de	SIGHEVAIUALIONS				3- Samtec conne	ctor GND blade.	
С	Mates with :	Compatibl		tial Pair (DP),		QSS050 QSS07 I can be left uncor						
-		nd bottom s	sides of the mod	lule. Due to the	e module size	n numbers associ e, there are no liste ZX140QTS-RK" is	ed reference de		<b>Compliance:</b> ISO2001 certified RoHs - Lead Free		ZX100ACC-S	Faiti
в					, source name ,				European Union E	ctive ( Directive 200 Directive ( 203/11/E IEC-61249-2.21 : 2	C)	ZX1 ZX Note - Al
	ZX140QTS-RK Header	<mark>r pin configura</mark>	ation						WEEE Directive (			
-	Top Header	3	7 11 5 9	15         19           13         17	23 27 21 25	31 35 29 33		47 GND 45 49	Certificate of Com	pliance for Radioad	)S	ZE
Bottom       Header       4       8       12       16       20       24       28       32       36       40       44       48       GND         Bottom       2       6       10       14       18       22       26       30       34       38       42       46       50         Header pin numbers refer to the SAMTEC QTS connector pin number									ODS SPECARE ROH			
										DES		
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L	Specifications mentioned in this	publication are sub	pject to change without notio	ce. This publication repl	aces all other informat	tion previously supplied. Zeba	IX Technologies products a	re not authorized as in I	ine support devices or systems.	5		



## ZX140QTS-RK package includes:

Part numberQuantityDescriptionZX140QTS-RK1Samtec Breakout Adapter moduleZX100ACC-SS0Flying leads wire assembly

ZX100ACC-SS site page for ordering the flying leads wire assembly

Note - ALL ZEBAX products are RoHS compliant and Lead Free unless otherwise indicated.

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SPECIFIED DIMENSION ARE INCHES (MM). ROHS COMPLIANT	S ASSEMBLY DE ITEM: ZX140Q		A					
DESCRIPTION: In-system rackmount / low profile Samtec breakout adapter QTS-RK								
CHECKED: M. MARINA	drawn: MATTHEW	REVISSION: 1.0 SHEET: 1 OF 1						
7		8						