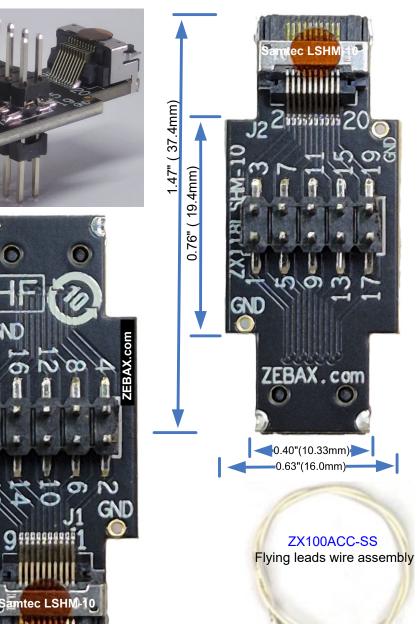
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ſ	Product Name: ZX	(118LSH	M-10 Samte	ec Brea	kout Ada	apter R	ugged H	lermaph	nroditic	Razor Beam	– Page 1	OF 3		ZX118LSHM-10 Zebax.com	
F	Product Description: ZX118LSHM-10 is Samtec LSHM connector breakout adapter. ZX118LS test & measurements, signal integrity, characterization, manufacturing loop														
	providing full a	ccess to al J2 pin 2. Tł	I LSHM connect ne ZX118LSHM	ctor signal /I-10 would	s for purpo d be transp	ose of test parent wh	t & measur en mated v	rement. Z) with Host	X118LSHI	m 0.5mm (0.02 M-10 designed due to its desigr	configured w	nnectors, vhere J1 pin 1 is ng the J1 to J2 pins.		Calif. Ca	
	1- Provides ac 2- Passthrough			-			0.1" pitch	headers.							MA
E	4- All traces ar 5- Four, 4, laye	e 50 Ohms ers PCB de	s impedance co sign, inner laye	ontrolled. ers are GN	ND planes.			-		LSHM connect	or pin numb	ering.			0
	6- Accessible (7- Ease of inte 8- Flying lead v	rface with s	single channel	and differe	ential scop	e probes.	•			ector's shield.					H
┥	Electrical: Insertion Trace impedar	loss > -3d	B @6GHz							ZX118LSHM-	10 simplified	l cross section diagram			GND N H
	Operating Tem Samtec Conne	nperature: - ector:										J2 Samtec LSHM connector			
	Ma Pito	tes with: A ch: 0.020"	nector: LSHM- ny Samtec LSI (0.50mm) pin (0.25µm)	HM -DV -[DH -RH for			ditic conn	ector	н	DR 🔶	HDR: Header			TSHM-10
	Header: Pito	ch: 0.1" (2	2.54mm) pin to 0.025" (0.635							J1 Samtec L		Inner layers GND plan	es		ZX118
	Hei	ight: 0.24" iting: Gold	(6mm)	,							Host onboard LSHM				19
C	Application: Manu	ufacturing t	est measureme	ent & re-us	se, bringup	o, testing	, debuggin	g			ease note – The GN	ND test point is connector to:			sām
	Mate	s with any	d Hermaphrodi height & formfa raight) DH (Ri	actor LSHI	M connecto	or / cable				· - ·	ers ground planes	nd to/from LSHM connector's pins.			
1	LSHN LSHN	M-110-01-F M-110-01-F	-DV-A-S LSHN -DH-A-S LSHN -RH-A-S LSHN	И-110-01- И-110-01-	L-DV-A-S L-DH-A-S	Nevelse i		с <i>)</i> .							ZX118LSF Part number ZX118LSF
в	Breakout Access :					de access	s to all Sam	ntec LSHN	∕l connect	or via onboard l	neaders.	Compliance: ISO2001 certified			ZX100AC0
			SHM-10 heade		•							RoHs - Lead Free EU RoHS2 UL E111594 document ELV- Vehicle Directive (Dir	ective 2000)/EC)	ZX100A Note ALL Z
		Bottom	Headers	J4	4 2	8 6	12 10	16 14	20 18			European Union Directive (Halogen Free per IEC-6124 RoHs Directive 2011/65/EU WEEE Directive (2012/12/8	9-2.21 : 20		Z
		Top Header pin	Headers	J3	3 1	7 5	11 9	15 13	19 17			Certificate of Compliance for Certificate of Compliance for Certificate of Compliance for	or Radioact or Asbestos		
A	Notice	neau c i pill				πιεστοιο μ						Certificate of Compliance to Certificate REACH SVHC Certificate of Compliance R			AR RO
	ALL ZEBAX TECHNOLOGIES DESIGN S IMPLIED, STATUTORY, OR OTHERWISE Information furnished is believed to be acc Specifications mentioned in this publication	E WITH RESPECT	TO THE MATERIALS, A	AND EXPRESS	Y DISCLAIMS A	LL IMPLIED WA	ARRANTIES OF N	NO INFRINGEM such information	ENT, MERCHAI	NTABILITY, AND FITNES	S FOR A PARTICU	LAR PURPOSE.			DH
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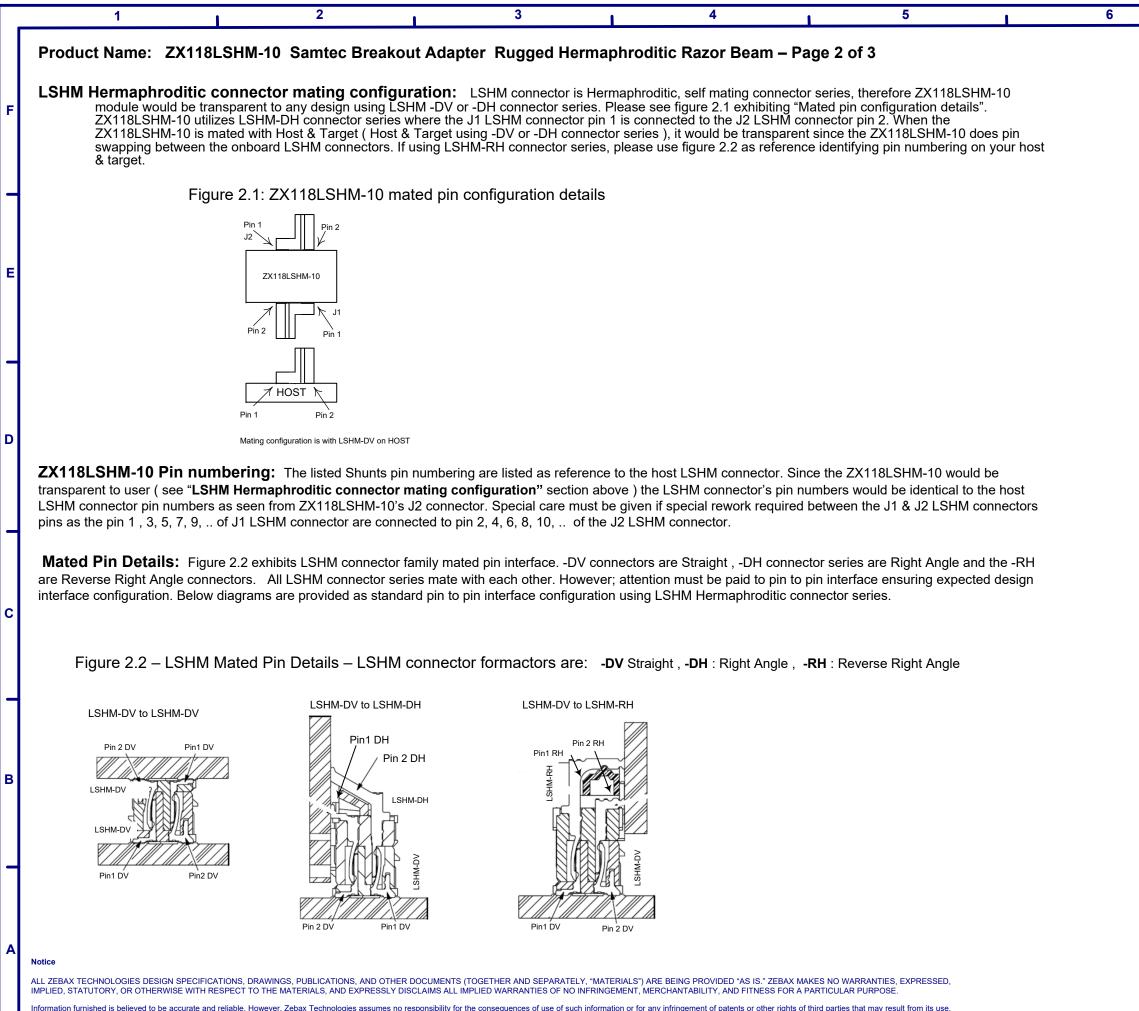
BLSHM-10 package includes:

u<mark>mber Quant</mark> 8LSHM-10 1 Quantity Description Breakout Adapter module Flying leads wire assembly DACC-SS 0

00ACC-SS site page for ordering additional flying leads wire assembly

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PECIFIED DIMENSION	IS ASSE	ASSEMBLY DRAWING						
RE INCHES (MM). OHS COMPLIANT		ITEM: ZX118LSHM-10						
ESCRIPTION: Samtec rugged LSHM Hermaphroditic Razor Beam Breakout Adapter								
HECKED:	DRAWN:		REVISSION: 1.0	11				
M. MAHIN	KADIJI	OH	SHEET: 1 OF 3	1				
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SPECIFIED DIMENSIONS ARE INCHES (MM).	ASSEMBLY DR				
ROHS COMPLIANT	ITEM: ZX118LSH		Α		
DESCRIPTION: Razor	Beam Breakout Ada				
	KADIJEH	SHEET: 2 OF 3			

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	Product Name:	ZX1 1	18LSHM-10 S	Samtec Break	out Adapter R	ugged He	ermaphroditic Ra	azor Beam –	Page 3 of 3			
F	Signal Access : A	All LSHM-05	connector's sign	als are accessibl	le via onboard heac	lers.						
	GN	ND test points	s as well as top &	& bottom GND fill		nal integrity	ers. They are connec , please connect the					
E	Typical Application	appro 1- U 2- R	ach in usage of t tilizing single or o eal-Time test and	breakout adapter differential scope d measurements	s by : probe.	DUT with te	st equipment or eva			5.		
	Scope Probe wire Installation:											
					e use the shortest (e utilized as GND re		e wire interfacing to erface with host.	the nearest GN	D reference point.			
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SPECIFIED DIMENSIONS ARE INCHES (MM). ROHS COMPLIANT	ASSEMBLY DR ITEM: ZX118LSF		Α			
	l ec rugged LSHM Hern Beam Breakout Ada		- 1			
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