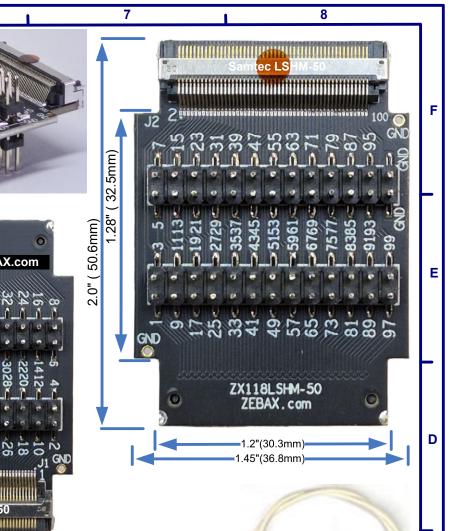
		1		I	2		1		3	•		1		4			5			6	
F	CC	Descri X118LSI roviding	<b>ption: 2</b> te HM-50 is b full access I to J2 pin	<b>ZX118L</b> est & me preakout a to all LS 2. The Z	<b>.SHM-50</b> i asurements adapter, su SHM connect	s Samtec s, signal ir pporting S ctor signa 1-50 woul	c LSHM ntegrity Samtec Is for pu Id be tra	connecto , characto LSHM Ru urpose of ansparent	or brea erizatio ugged test & t when	kout ada on, man Hermap measur mated v	apter. Z ufacturi ohroditic ement. with Hos	X118LS ng loop Razor ZX118l	SHM-5 back te Beam LSHM-	0 is desi est appli 0.5mm 50 desig	igned for cations. ( 0.02" )   gned con	real-time pitch cor figured v		ZX118LS Zebax.co			
E	2- 3- 4- 5- 6- 7-	- Passthi - Listed r - All traco - Four, 4 - Access - Ease o	rough designumber adj es are 50 ( , layers PC ible GND t f interface	gn where jacent to Ohms im CB design test point with sing	ntec LSHM e J1 pin 1 is each Head pedance co n, inner laye , The test p le channel a may be use	er's pin wontrolled. ers are Gloint is col	ed to pin vould be ND plan nnected rential so	n 2 of J2. e in refere nes. d to inner cope prol	ence to GND p bes.	the Hos	st syste as well a	m's Sar as the co	onnect			bin numb	ering.				AX.c
D	O Si	race imp perating	edance: 50 Temperat onnector: Onboard Mates wi Pitch: 0. Plating:	0 Ω ture: -55° Connec ith: Any - 020" ( 0. 10μ" ( 0.	C to +125°( tor: LSHM- Samtec LSI 50mm ) pin	DH Shiel HM -DV - to pin pit	DH -RH ch				ditic cor	nnector		ZX118LS	SHM-50 s	simplified	HDR: Header	)	Sa	7068	-50
с	Applicati	ion:	Pin: So Height: ( Plating:	quare 0.0 0.24" ( 6r Gold Fla	025" ( 0.635 mm )	5mm <sup>°</sup> )		igup, test	ing , de	ebuggin	g		[	Note:		Host onboard LSHM HOST PC	В				
_	Mates wi	:	Mates with such as D\ LSHM-150 LSHM-150	ı any heiç √ ( Straig )-01-F-D\ )-01-F-Dŀ	ermaphrodi ght & formfa ht ) DH ( Ri /-A-S LSHN H-A-S LSHN H-A-S LSHN	actor LSH ight Angle //-150-01- //-150-01-	IM conne ∋ ) or R⊦ -L-DV-A -L-DH-A	lector / ca H ( Rever \-S \-S			e ).			1- Top/ 2- The	/Bottom GND f inner layers gr	fill round planes	ID test point is connector to: nd to/from LSHM connector's pins.			ZX118 Part nu ZX118 ZX100	mber 3LSF
B Breakout Access : All ZX118LSHM-50 breakout adapters provide access to all Samtec LSHM connector via onboard headers.  ZX118LSHM-50 header pin assignments  ISO2001 certified RoHs - Lead Free EU RoHS2 UL E111594 document ELV- Vehicle Directive (Directive 2000/EC)													,	ZX1							
-		Bottom	Headers		6         14           4         12           2         10           7         15           5         13	20 18 23	30 28 26 31 29	38 36 34 39 37	46 44 42 47 45	54       52       50       55       53	62 60 58 63 61	70 68 66 71 69	78 76 74 79 77	86 84 82 87 85	94 92 90 95 93	GND 100 98 GND GND	European Union Directiv Halogen Free per IEC-67 RoHs Directive 2011/65/ WEEE Directive (2012/1 Certificate of Compliance Certificate of Compliance Certificate of Compliance	1249-2.21 : EU I2/EU) e for Radio e for Asbes	: 2003 active substance: itos		Z SA WV
А	ALL ZEBAX TECHNI IMPLIED, STATUTO	Header pin n IOLOGIES DE DRY, OR OTHI d is believed to	umbers refer to SIGN SPECIFIC/ ERWISE WITH R	ATIONS, DRA ESPECT TO T d reliable. How	HE MATERIALS, A	TIONS, AND O AND EXPRESS ologies assume	THER DOCU SLY DISCLAIN	MS ALL IMPLIE	ED WARRA	ANTIES OF N ces of use of s	NO INFRING such informa	EMENT, ME	ERCHANTA	BILITY, AND	FITNESS FOI	R A PARTICU	Certificate REACH SVH0 Certificate of Compliance WARRANTIES, EXPRESSED, LAR PURPOSE.	0		ιαποσδ, Ομο	AR RO DE CHE
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		1		-			•		<u> </u>	,		-				•	<b>J</b>	•		<u>v</u>	



## ZX100ACC-SS Flying leads wire assembly

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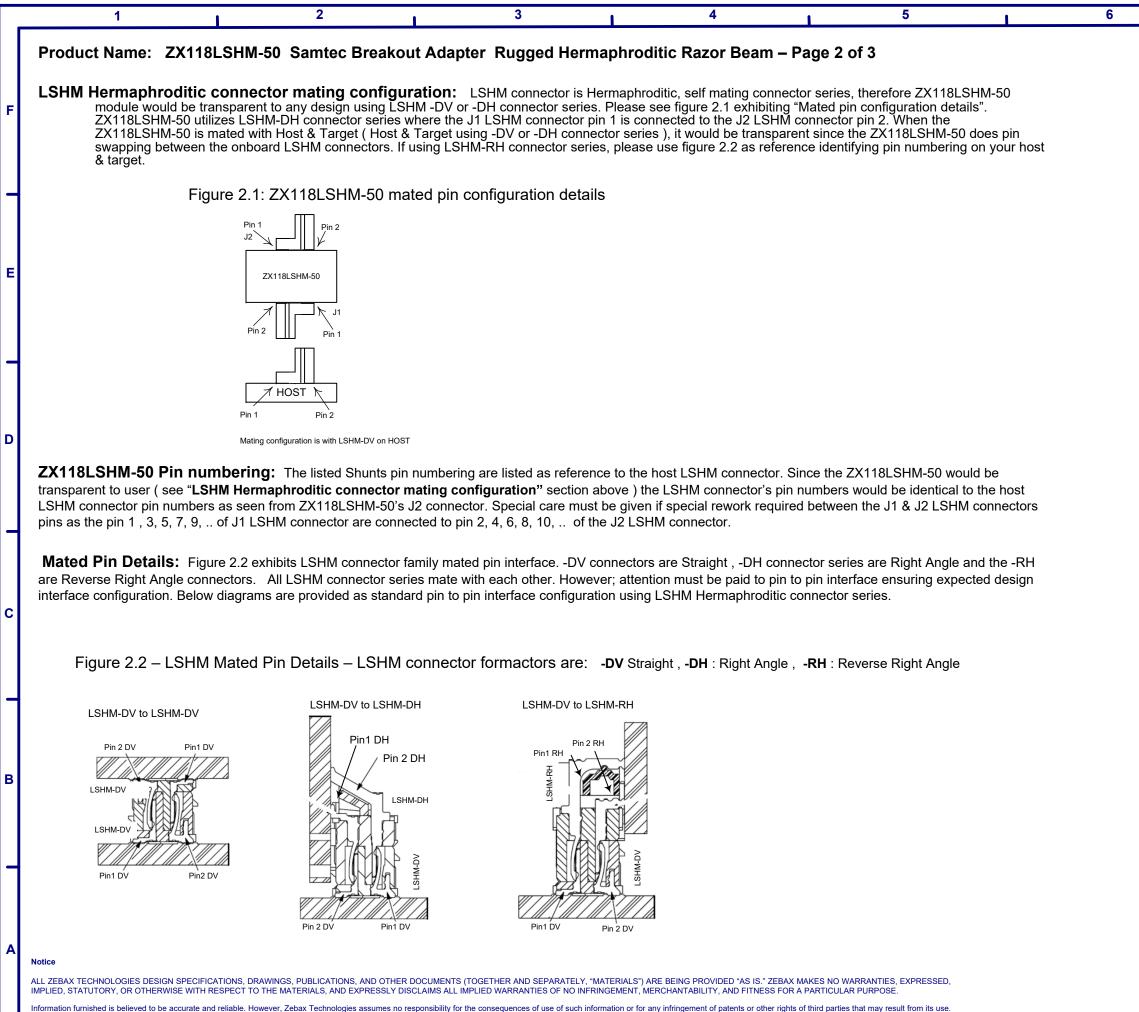
## LSHM-50 package includes:

mberQuantityDescriptionUSHM-501Breakout Adapter moduleACC-SS0Flying leads wire assembly

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

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ZEBAX TECHNOLOGIES SANTA CRUZ, CA U.S.A (831) 2 2 2 - 0717 WWW.ZEBAX.COM								
SPECIFIED DIMENSIO	ASSEI	ASSEMBLY DRAWING						
ARE INCHES (MM). ROHS COMPLIANT		ITEM: ZX118LSHM-50						
DESCRIPTION: Samtec rugged LSHM Hermaphroditic Razor Beam Breakout Adapter								
CHECKED:	DRAWN:		REVISSION: 1.0					
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ZEBAX TECHNOLOGIES SANTA CRUZ, CA U.S.A (831) 2 2 2 - 0717							
WWW.ZEBAX.COM SPECIFIED DIMENSIONS ARE INCHES (MM).							
ROHS COMPLIANT	nte	ITEM: ZX118LS		Α			
	or	Beam Breakout Ada					
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Product Name: ZX118LSHM-50 Samtec Breakout Adapter Rugged Hermaphroditic Razor Beam – Page	e 3 of 3									
<b>Signal Access :</b> All LSHM-05 connector's signals are accessible via onboard headers. F										
<b>Ground :</b> ZX118LSHM-50 is 4 layers PCB design where the inner layers are Ground layers. They are connected to the GND test points as well as top & bottom GND fills. For improved signal integrity, please connect the GND test point to system GND reference point. See Cross Section diagram for details.										
Typical Application:ZX118LSHM-50 is designed for purpose of test and debugging at full connector's bandwidth. It provides new approach in usage of breakout adapters by : 1- Utilizing single or differential scope probe. 2- Real-Time test and measurements, ability to interface DUT with test equipment or evaluation board for valid	lation purposes.									
E 3- Interface DUT with evaluation board for validation and pre-bringup.										
Scope Probe wire Installation: 1- In order to avoid ground loop problems, please use the shortest Ground probe wire interfacing to the nearest GND reference ZX118LSHM-50 provides GND test point to be utilized as GND reference interface with host.	erence point.									
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SPECIFIED DIMENSION ARE INCHES (MM). ROHS COMPLIANT	S ASSEMBLY DE ITEM: ZX118LSF		Α				
DESCRIPTION: Samtec rugged LSHM Hermaphroditic Razor Beam Breakout Adapter							
CHECKED: M. MAHIN 7	drawn: KADIJEH	REVISSION: 1.0 SHEET: 3 OF 3 8					

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