

MATERIAL TABLE

PT. NO.	PARTS NAME	MATERIAL	Q'TY	NOTE
1	HOUSING	LCP RESIN GLASS REINFORCED (UL94V–0)	1	COLOR : BLACK (HALOGEN FREE)
2	CONTACT		n	PLATING : SEE PLATING OPTION (LEAD FREE)
3	MOUNTING PLATE	PHOSPHOR BRONZE	2	PLATING : MATTE TIN 1.5um min (LEAD FREE) NICKEL UNDER PLATING 1.27um min.

n : NO. OF CONTACTS

NOTES

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1. THIS PRODUCT IS THE LOWER CONTACT TYPE CONNECTOR DESIGNED TO TERMINATE FPC/FFC AND COPES WITH AUTOMATIC MOUNTING (SMT).

2. FLATNESS OF CONTACT TERMINAL AND MOUNTING PLATE TO HOUSING MUST BE WITHIN TOLERANCE IN Z PORTION DETAILED DRAWING.

3. THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS47-0004.

4. THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 10 SECONDS IN A REFLOW SOLDERING OVEN.

		PDS: Rev :B	STATUS:Rele	ased	Printee	d: Mar 3	0, 2023	
orm: A3-2016-02-24 1	2	3				4		
		i	ndex sh	eet 🛛	1 2	3.	4 5	
		s	heet rev	vision	B B		B B	
						appd	Y.KAME	
						chr	S-H.TH	
HALOGEN AND LEAD FREE		_				dr engr	S.WATANA S.WATANA	
REFER TO SHEET2						0°±2°		0.XXX/±0.2
PACKAGING OPTION			B ELX-J-3275	53 S.W. 2	2019-02-22	angles	linear	/
1.27um min. Ni UNDER PLATING FOR ALL OPTIC FINISH PLATING : REFER TO PLATING OPTION TA			A		2018-10-18			0.X/±0.2
PLATING OPTION			tr ecn no	_	- date			otherwise specifie
FOR AUTOMATIC MOUNTING (SMT)		П	nat'l. code SEE	_TABLE	-	surfac ISO 130	. /	tolerance ISO 406 ISO 110
LOWER CONTACT TYPE FOR FPC/FFC						6		
RIGHT ANGLE TYPE					HFW_	R-1STC	GH1LF	F G
NO. OF CONTACT							3H1LF	
SERIES NAME							AH1LF	
	+ - + - + - + - + - + - + - + - + -						ZH1LF	
5. CATALOG NUMBER STRUCTURE IS AS FOLLO	R = 1 ST A - H1LF						H1LF	
	MAINIC'S							

CAT. NO. & DIMENSIONS

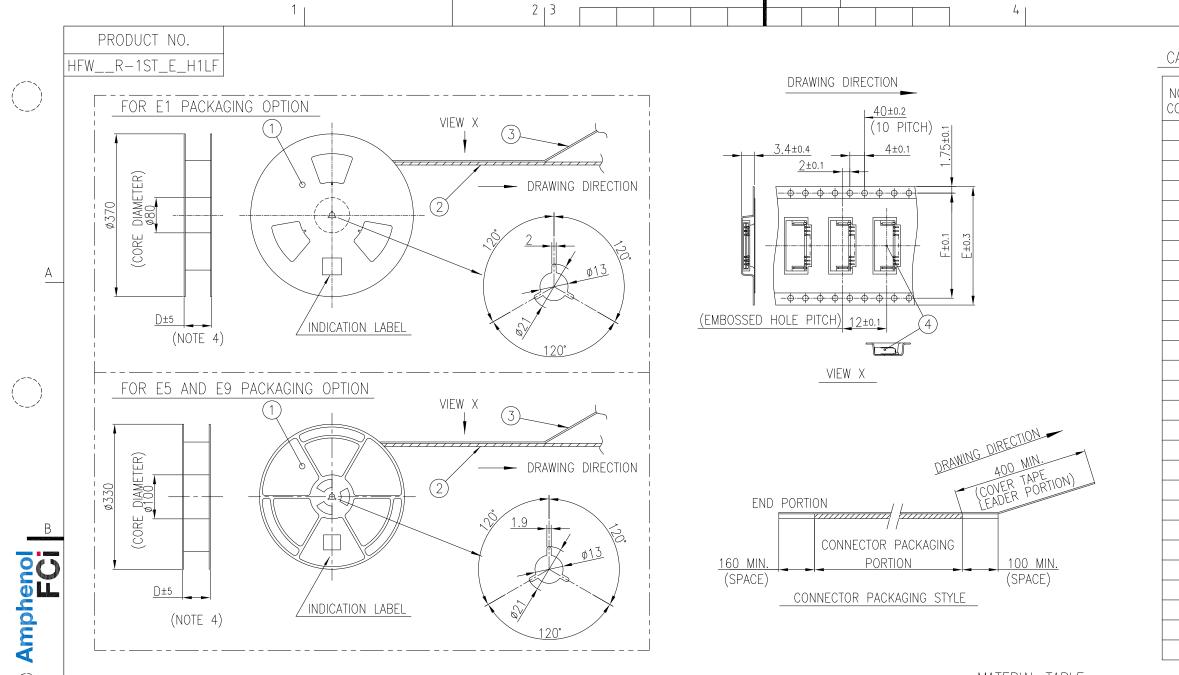
-	NO. OF				DI	MENSIO	NS	
	CONT (n)	C	AT. NO.		А	В	С	
	4	HFW4R-	1ST	_H1LF	6.6	3	5.14	
	5	HFW5R-		H1LF	7.6	4	6.14	
	6	HFW6R-		H1LF	8.6	5	7.14	
	7	HFW7R-		H1LF	9.6	6	8.14	
	8	HFW8R-		_H1LF	10.6	7	9.14	
	9	HFW9R-		H1LF	11.6	8	10.14	
	10	HFW10R-		H1LF	12.6	9	11.14	
	11	HFW11R-		H1LF	13.6	10	12.14	
	12	HFW12R-		H1LF	14.6	11	13.14	-
	13	HFW13R-		H1LF	15.6	12	14.14	
	14	HFW14R-		H1LF	16.6	13	15.14	
	15	HFW15R-		H1LF	17.6	14	16.14	
	16	HFW16R-		H1LF	18.6	15	17.14	
	17	HFW17R-		H1LF	19.6	16	18.14	
	18	HFW18R-		H1LF	20.6	17	19.14	
	19	HFW19R-		H1LF	21.6	18	20.14	
	20	HFW20R-		H1LF	22.6	19	21.14	
	21	HFW21R-		H1LF	23.6	20	22.14	
	22	HFW22R-		H1LF	24.6	21	23.14	
	23	HFW23R-		H1LF	25.6	22	24.14	
	24	HFW24R-		H1LF	26.6	23	25.14	
	25	HFW25R-		H1LF	27.6	24	26.14	
	26	HFW26R-		H1LF	28.6	25	27.14	
	27	HFW27R-		H1LF	29.6	26	28.14	
	28	HFW28R-		H1LF	30.6	27	29.14	
	29	HFW29R-		H1LF	31.6	28	30.14	
	30	HFW30R-		H1LF	32.6	29	31.14	
PLATING OPTION TABLE								
PRODUCT NUMBER PLATING	OPTION	CONTAC	τ ρι άτι	NG	TERM	INAL PL	ATING	
HFW_R-1STH1LF BLA		MATTE TIN				TIN : 2u		
HFW_R-1STZH1LF Z		MATTE THIN				TIN : 1u		
HFW_R-1STA_H1LF A		GOLD : 0.3				0.05um		
HFW_R-1STBH1LF E		GOLD : 0.3				TIN : 1u		
		GOLD : 0.0 GOLD : 0.0				0.05um		
HFW_R-1STGH1LF	>		'H Ni DA		GOLD :	0.05um	i min.	
surface / toleran		jection	Drodu	ct fam	ilv			
	so 1101			er ræm	icy.	58NF		
ite tolerances unless otherwise s	pecified	$\forall \Box$	title					
8-10-18 angles . 0.X/±		ММ		1mm Sl	PACING	SMT CC	ONNECTO	R
9-02-22 0°±2° linear 0.XX/± 0°±2° 0.XXX/:		le 3:1	()	Cat. No.	HFW	_R-1ST	「H1L	_F)
	±0.2 sca -02-22		,	סר			1 of 5	
		nphenol						
	-02-25	FCi)1499			A3
	-02-25		type		CUSTOM	ER DR	AWING	
B B B B 2 3 4 5	+ $+$ $+$							
		r	5					1
4 Printed: Mar 30, 2023		-						6

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PACKAGING OPTION TABLE

PRODUCT NUMBER	PACKAGING OPTION	REEL MATERIAL	REEL DIAMETER	CONNECTOR QUANTITY
HFW_R-1ST_E1H1LF	E1	CARDBOARD	ø370	2000 / REEL
HFW_R-1ST_E5H1LF	E5	PLASTIC	ø330	1500 / REEL
HFW_R-1ST_E9H1LF	E9	PLASTIC	ø330	500 / REEL

NOTES

- 1. THIS IS PLASTIC TAPE PACKAGED CONNECTOR DESIGNED TO TERMINATE FPC/FFC AND COPES WITH AUTOMATIC MOUNTING (SMT).
- 2. SEE JIS C 0806 (PACKING OF ELECTRONIC COMPONENTS ON CONTINUOUS TAPES (SURFACE MOUNTING DEVICES)) FOR SHAPE AND DIMENSIONS OF PLASTIC (EMBOSSED) TAPE AND REEL. 3. D DIMENSION IS PORTION OF THE CORE.

								AL NU	. X	JIMENSIONS				
							—				D	IMENSIO	VS	
								NO. OF CONT (n)		CAT. NO.	D	E	F	
-1								4		R-1ST_E_H1LF	28.4	24	·	
I.)±C/.								5		R-1ST_L_H1LF	28.4	24		
-								6		R-1ST_E_H1LF	28.4	24		
1								7		R-1ST_E_H1LF	28.4	24		
4	Ī							8		R-1ST_E_H1LF	28.4	24		
								9		R-1ST_E_H1LF	28.4	24		
±0.1	E±0.3							10		0R-1ST_E_H1LF		24		
								11		1R-1ST_E_H1LF		24		A
								12		2R-1ST_E_H1LF		24		
	. 1							13		3R–1ST_E_H1LF		24		
								14		4R-1ST_E_H1LF		24		
								15		5R-1ST_E_H1LF		32	28.4	
								16		6R-1ST_E_H1LF		32	28.4	
								17		7R-1ST_E_H1LF		32	28.4	
								18		8R-1ST_E_H1LF		32	28.4	
				N -	_			19		9R-1ST_E_H1LF		44	40.4	
		<u>G DIRE</u> 401	CIIL)				20		0R-1ST_E_H1LF		44	40.4	
RA	WIL	40	O M	N. DE		\		21		1R-1ST_E_H1LF		44	40.4	
	-	40 (COVER LEADE	r TF	ORT	(10N)			22		2R-1ST_E_H1LF		44	40.4	
77.		LEADE	-N					23				44	40.4	
								24				44	40.4	В
١G								25	HFW2	5R-1ST_E_H1LF	48.4	44	40.4	
			<u>100</u>					26	HFW2	6R-1ST_E_H1LF	48.4	44	40.4	
τvi	LE	((SPA	UCE)				27	HFW2	7R-1ST_E_H1LF	48.4	44	40.4	
	LL	-						28	HFW2	8R-1ST_E_H1LF	48.4	44	40.4	
								29	HFW2	9R-1ST_E_H1LF	48.4	44	40.4	
								30	HFW3	OR-1ST_E_H1LF	60.4	56	52.4	
		MATE	RIA	ιT	ABLE									
					ADLL							1		
		PT. N	10.	PA	RTS NA	AME	CA	.T. NO.		MATERIAL		COL	OR	
		1		REI						CARDBOAR	D	WH	ITE	
		1		REI	EL					POLYSTYRE	NE	BLA	(CK	
		2		ЕM	BOSS -	TAPE				A PS or A-F	ΈT	TRANSF	PARENT	
		3		CO	VER TA	PE			, A F	POLYESTER, POLYE	THYLENE	TRANSF	PARENT	
		4		CO	NNECT(DR	HFW R-	-1ST		SEE SHEET				
	l			-			<u> ·····</u> _'`							
			SUL	fac	e /	toler	ance	project	ion	product famil	у			_
3L			ISO			ISO 40	6 ISO 1101		_1	-	58NF			
	dat	e	toler	ances	s unless		se specified		\square	title				
+			ang	les	linear		X/±0.5 X/±0.5	M	Л	1mm SPA	CING SM	T CONM	NECTOR	
+			0°±		uncul		x/±0.5 (X/±0.5	scale I	N/A	(Cat.No. H	IFWR-	1ST_E_I	H1LF)	
+			da				,		/	dua po		aat 0	of E loi-	7.0

dwg no

type

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	SI	EE_	TABL	.E		ISO	1302	2	\vee	ISO 4	06 IS	0 1101	G	5-	1	
ltr	ecn	ПО	dr	dat	e	tolero	inces	sи	nless	otherw	vise sp	ecified	7	779	\Box	
В										0.	X/±C).5		ΜМ		
						ang	les	li	near	0.>	(X/±	0.5	-		-	
						0°±	5°			0.X	XX/±	:0.5	sca	le N,	/Α	
						dr		S.W	/ATANA	BE	2019-	02-22				1
						engr		S.W	/ATANA	BE	2019-	02-22	Am	phe	nol	
						chr		S	-H.THI	0	2019-	02-22 02-25		-	Ci	
						appo	t	Υ.	KAMEC		2019-					
she	et	revi	sion													
inde	x	she	et													
						4										5
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form: A3-2016-02-24

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PDS: Rev :B

STATUS:Released

CAT. NO. & DIMENSIONS

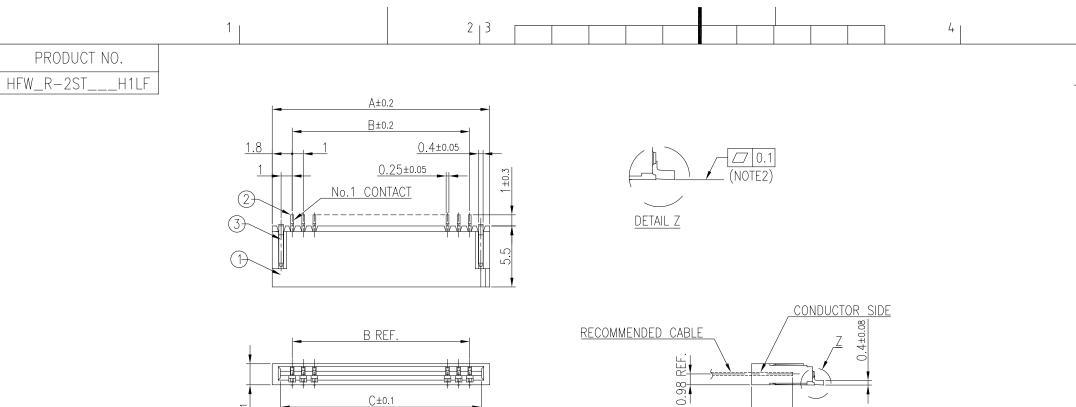
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sheet 2 of 5 size

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CUSTOMER DRAWING



MATERIAL TABLE

PT. NO.	PARTS NAME	MATERIAL	Q'TY	NOTE
1	HOUSING	LCP RESIN GLASS REINFORCED (UL94V–0)	1	COLOR : BLACK (HALOGEN FREE)
2	CONTACT		n	PLATING : SEE PLATING OPTION (LEAD FREE)
3	MOUNTING PLATE	PHOSPHOR BRONZE	2	PLATING : MATTE TIN 1.5um min. (LEAD FREE) NICKEL UNDER PLATING 1.27um min.

n : NO. OF CONTACT

<u>3.7 REF.</u>

NOTES

1. THIS PRODUCT IS THE UPPER CONTACT TYPE CONNECTOR DESIGNED TO TERMINATE FPC/FFC AND COPES WITH AUTOMATIC M

2. FLATNESS OF CONTACT TERMINAL AND MOUNTING PLATE TO HOUSING MUST BE WITHIN TOLERANCE IN Z PORTION DETAILED DR

3. THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS47-0004.

4. THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 10 SECONDS IN A REFLOW SOLDERING OVEN.

5. CATALOG NUMBER STRUCTURE IS AS FOLLOWINGS.

1.9±0.1

SERIES NAME NO. OF CONTACT RIGHT ANGLE TYPE UPPER CONTACT TYPE FOR FPC/FFC FOR AUTOMATIC MOUNTING (SMT) PLATING OPTION 1.27um min. Ni UNDER PLATING FOR FINISH PLATING : REFER TO PLATING O PACKAGING OPTION REFER TO SHEET4 HALOGEN AND LEAD FREE	ALL OPTIONS	ST A H1	<u>LF</u>
1			

	NO. OF				DI	MENSIO	NS	
	CONT (n) CA	.T. NO.		А	В	С	
	4	HFW4R-2	ST	H1LF	6.6	3	5.14	
	5	HFW5R-2	ST	_H1LF	7.6	4	6.14	
	6	HFW6R-2	ST	_H1LF	8.6	5	7.14	
	7	HFW7R-2	ST	_H1LF	9.6	6	8.14	
	8	HFW8R-2	ST	_H1LF	10.6	7	9.14	
	9	HFW9R-2	ST	H1LF	11.6	8	10.14	
	10	HFW10R-2	2ST	_H1LF	12.6	9	11.14	
	11	HFW11R-2	2ST	H1LF	13.6	10	12.14	
E	12	HFW12R-2	2ST	_H1LF	14.6	11	13.14	
_	13	HFW13R-2	2ST	_H1LF	15.6	12	14.14	
	14	HFW14R-2	2ST	_H1LF	16.6	13	15.14	
	15	HFW15R-2	2ST	H1LF	17.6	14	16.14	
	16	HFW16R-:		H1LF	18.6	15	17.14	
	17	HFW17R-:		H1LF	19.6	16	18.14	
	18	HFW18R-:		H1LF	20.6	17	19.14	
	19	HFW19R-:	2ST	H1LF	21.6	18	20.14	
	20	HFW20R-2	2ST	H1LF	22.6	19	21.14	
	21	HFW21R-		H1LF	23.6	20	22.14	
	22	HFW22R-2	2ST	H1LF	24.6	21	23.14	
	23	HFW23R-2	2ST	H1LF	25.6	22	24.14	
	24	HFW24R-1		H1LF	26.6	23	25.14	
	25	HFW25R-1		H1LF	27.6	24	26.14	
	26	HFW26R-2		H1LF	28.6	25	27.14	
	27	HFW27R-		H1LF	29.6	26	28.14	
	28	HFW28R-		H1LF	30.6	27	29.14	
	29	HFW29R-		H1LF	31.6	28	30.14	
	30	HFW30R-		H1LF	32.6	29	31.14	
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PLATING OPTION TABLE								
PRODUCT NUMBER PLATING	OPTION	CONTACT	PLATIN	١G	TERM	INAL PL	ATING	
HFW_R-2STH1LF BLA	NK	MATTE TIN :	2um r	nin.	MATTE	TIN:2u	m min.	
HFW_R-2STZH1LF Z	,	MATTE THIN	TIN PL	ATING	MATTE	TIN:1u	m min.	
HFW_R-2STAH1LF A	١	GOLD : 0.3u	m mir	I.	GOLD :	0.05um	n min.	
HFW_R-2STBH1LF E	}	GOLD : 0.3u	m mir	I.	MATTE	TIN : 1u	m min.	
HFW R-2STG H1LF C	2	GOLD : 0.05			GOLD :	0.05um	n min.	
		WITH	I Ni DA	M				
surface / toleran	ce Inr	ojection	nrodu	ct fam	il v			
_E ISO 1302 VISO 406 I			r. 500	2. rum)	58NF		
date tolerances unless otherwise s	·	$\forall \Box$	title					
angles, 0.X/±		MM		1mm SF	PACING	SMT CC)NNECTO	R
0°±2° 0.XX/±		ale 3:1	((Cat. No.	HFW	_R-2ST	H1L	_F)
	-02-22		dwg r			sheet	3 of 5	size
		mphenol	יכי		1 1 0 0			
chr S–H.THIO 2019	-02-25	FCi			1499			Аз
appd Y.KAMEDA 2019	-02-25	· · · · ·	type I		CUSTOM	ER DR	AWING	
4		5	I					6

		NO. OF		DI	MENSIO	NS
		CONT (n)	CAT. NO.	A	В	С
		4	HFW4R-2STH1LF	- 6.6	3	5.14
		5	HFW5R-2STH1LF		4	6.14
)		6	HFW6R-2STH1LF		5	7.14
		7	HFW7R-2STH1LF		6	8.14
		8	HFW8R-2STH1LF		7	9.14
		9	HFW9R-2STH1LF	11.6	8	10.14
		10	HFW10R-2STH1L	_F 12.6	9	11.14
		11	HFW11R-2STH1L	_F 13.6	10	12.14
CONDUCTOR SIDE		12	HFW12R-2STH1L	_F 14.6	11	13.14
		13	HFW13R-2STH1L	_F 15.6	12	14.14
Z 10.08		14	HFW14R-2STH1L	_F 16.6	13	15.14
		15	HFW15R-2STH1L	_F 17.6	14	16.14
		16	HFW16R-2STH1L	_F 18.6	15	17.14
		17	HFW17R-2STH1L	F 19.6	16	18.14
_		18	HFW18R-2STH1L	F 20.6	17	19.14
		19	HFW19R-2STH1L	_F 21.6	18	20.14
		20	HFW20R-2STH1L	F 22.6	19	21.14
		21	HFW21R-2STH1L	F 23.6	20	22.14
		22	HFW22R-2STH1L	_F 24.6	21	23.14
		23	HFW23R-2STH1L	F 25.6	22	24.14
)		24	HFW24R-2STH1L	F 26.6	23	25.14
E)		25	HFW25R-2STH1L	F 27.6	24	26.14
min.		26	HFW26R-2STH1L	_F 28.6	25	27.14
CTS		27	HFW27R-2STH1L	_F 29.6	26	28.14
		28	HFW28R-2STH1L	_F 30.6	27	29.14
		29	HFW29R-2STH1L	_F 31.6	28	30.14
MOUNTING (SMT).		30	HFW30R-2STH1L	F 32.6	29	31.14
DRAWING.						
_	PLATING OPTION TA	BLE				
	PRODUCT NUMBER	PLATING OPTION	CONTACT PLATING	TERM	IINAL PL	ATING
	HFW_R-2STH1LF		MATTE TIN : 2um min.			um min.
	HFW_R-2STZH1LF		MATTE THIN TIN PLATING			um min.
	HFW_R-2STAH1LF					n min.
	i henvi n=zsia i hilei	A	GOLD : 0.3um min.	I GOLD :		
			GOLD : 0.3um min. GOLD : 0.3um min.			ım min. L
	HFW_R-2STBH1LF	В	GOLD : 0.3um min. GOLD : 0.3um min. GOLD : 0.05um min.	MATTE	TIN : 1ı	
		В	GOLD : 0.3um min.	MATTE		
	HFW_R-2STBH1LF HFW_R-2STGH1LF	B G	GOLD : 0.3um min. GOLD : 0.05um min. WITH Ni DAM	MATTE GOLD :	TIN : 1ı	
mat'l. code SEE TABLE	HFW_R-2STBH1LF HFW_R-2STGH1LF surface /t	B G Tolerance pro	GOLD : 0.3um min. GOLD : 0.05um min.	MATTE GOLD :	TIN : 1ı	n min.
SEE_TABLE	HFW_R-2STBH1LF HFW_R-2STGH1LF surface t ISO 1302 tr	B G Tolerance pro S0 406 ISO 1101	GOLD : 0.3um min. GOLD : 0.05um min. WITH Ni DAM	MATTE GOLD :	TIN : 1ı 0.05ur	n min.
SEE_TABLE	HFW_R-2STBH1LF HFW_R-2STGH1LF surface ISO 1302 1te tolerances unless o	B G Tolerance pro S0 406 ISO 1101	GOLD : 0.3um min. GOLD : 0.05um min. WITH Ni DAM	MATTE GOLD : amily	TIN : 1u 0.05ur 58NF	n min.
SEE_TABLE ltr ecn no dr da	HFW_R-2STBH1LF HFW_R-2STGH1LF surface ISO 1302 te tolerances unless o angles Linear	B G rolerance SO 406 ISO 1101 therwise specified O.X/±0.2 O.XX/±0.2	GOLD : 0.3um min. GOLD : 0.05um min. WITH Ni DAM Djection product f title MM (Cat b	MATTE GOLD : amily SPACING	TIN : 1u 0.05ur 58NF SMT CC	n min.
SEE_TABLE ltr ecn no dr da	HFW_R-2STBH1LF HFW_R-2STGH1LF ISO 1302 / I ate tolerances unless o angles linear	B G colerance S0 406 ISO 1101 therwise specified 0.X/±0.2 0.XX/±0.2 0.XXX/±0.2 sco	GOLD : 0.3um min. GOLD : 0.05um min. WITH Ni DAM Djection product f title MM Ile 3:1 Cat. 1	MATTE GOLD : amily	TIN : 1u 0.05ur 58NF SMT CC _R-2S	n min.
SEE_TABLE ltr ecn no dr da	HFW_R-2STBH1LF HFW_R-2STGH1LF ISO 1302 / H 1te tolerances unless o angles 0°±2° linear 0°±2° S.WATANAB	B G Colerance SO 406 ISO 1101 therwise specified O.X/±0.2 O.XX/±0.2 O.XXX/±0.2 Sco SE 2019-02-22	GOLD : 0.3um min. GOLD : 0.05um min. WITH Ni DAM Djection product f title MM ILE 3:1 dwg no	MATTE GOLD : amily SPACING	TIN : 1u 0.05ur 58NF SMT CC _R-2S	n min.
SEE_TABLE ltr ecn no dr da	HFW_R-2STBH1LF HFW_R-2STGH1LF ISO 1302 / H 1te tolerances unless o angles linear O*±2* dr S.WATANAB engr S.WATANAB	B G G Colerance S0 406 ISO 1101 therwise specified O.X/±0.2 O.XX/±0.2 O.XX/±0.2 SC 0 SE 2019-02-22 E 2019-02-22 An	GOLD : 0.3um min. GOLD : 0.05um min. WITH Ni DAM Djection product f title MM (Cat. 1 dwg no mphenol	MATTE GOLD : amily SPACING	TIN : 1u 0.05ur 58NF SMT CC _R-2S ⁻ sheet	n min.
SEE_TABLE ltr ecn no dr da	HFW_R-2STBH1LF HFW_R-2STGH1LF ISO 1302 / H 1te tolerances unless o angles 0°±2° linear 0°±2° S.WATANAB	B G Colerance SO 406 ISO 1101 therwise specified O.X/±0.2 O.XX/±0.2 O.XX/±0.2 SE 2019-02-22 SE 2019-02-22 D 2019-02-22 O 2019-02-25	GOLD : 0.3um min. GOLD : 0.05um min. WITH Ni DAM Djection product f title MM 1mm (Cat. N dwg no	MATTE GOLD : amily SPACING No. HFW	TIN : 1u 0.05ur 58NF SMT CC _R-2S ⁻ sheet 903	n min.
SEE_TABLE ltr ecn no dr da	HFW_R-2STBH1LF HFW_R-2STGH1LF surface ISO 1302 te tolerances unless o angles linear O°±2° dr S.WATANAB engr S.WATANAB chr S-H.THIO	B G Colerance SO 406 ISO 1101 therwise specified O.X/±0.2 O.XX/±0.2 O.XX/±0.2 SE 2019-02-22 SE 2019-02-22 D 2019-02-22 O 2019-02-25	GOLD : 0.3um min. GOLD : 0.05um min. WITH Ni DAM Djection product f title MM Ile 3:1 dwg no Cot. 1 dwg no	MATTE GOLD : amily SPACING No. HFW 101499	TIN : 1u 0.05ur 58NF SMT CC _R-2S ⁻ sheet 903	n min.

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form: A3-2016-02-24

3 PDS: Rev :B

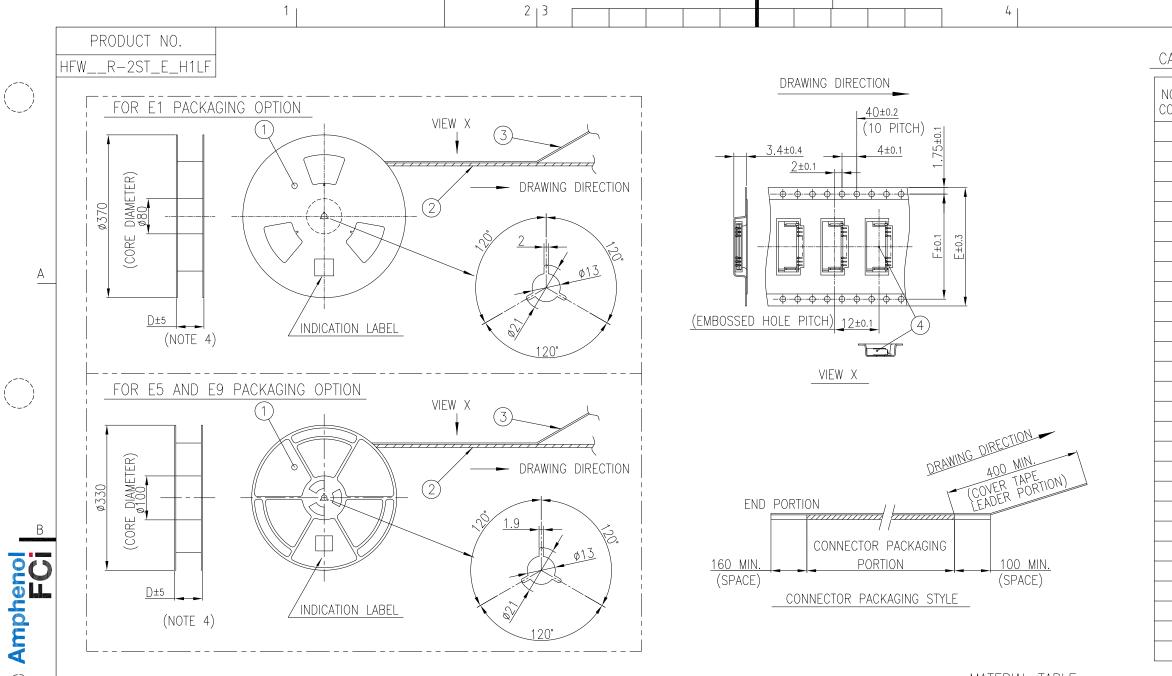
CAT. NO. & DIMENSIONS

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PACKAGING OPTION TABLE

PRODUCT NUMBER	PACKAGING OPTION	REEL MATERIAL	REEL DIAMETER	CONNECTOR QUANTITY
HFW_R-2ST_E1H1LF	E1	CARDBOARD	ø370	2000 / REEL
HFW_R-2ST_E5H1LF	E5	PLASTIC	ø330	1500 / REEL
HFW_R-2ST_E9H1LF	E9	PLASTIC	ø330	500 / REEL

		NO. OF		D	IMENSIO	NS
		CONT (n)	CAT. NO.	D	E	F
		4	HFW4R-2ST_E_H1LI	F 28.4	24	
		5	HFW5R-2ST_E_H1L	F 28.4	24	
		6	HFW6R-2ST_E_H1L	F 28.4	24	
Ŧ		7	HFW7R-2ST_E_H1L	F 28.4	24	
		8	HFW8R-2ST_E_H1L	F 28.4	24	
1		9	HFW9R-2ST_E_H1L	F 28.4	24	
I		10	HFW10R-2ST_E_H1	LF 28.4	24	
		11	HFW11R-2ST_E_H1	LF 28.4	24	
•		12	HFW12R-2ST_E_H1	LF 28.4	24	
1		13	HFW13R-2ST_E_H1	LF 28.4	24	<u> </u>
		14	HFW14R-2ST_E_H1	LF 28.4	24	— [–]
		15	HFW15R-2ST_E_H1	LF 36.4	32	28.4
		16	HFW16R-2ST_E_H1	LF 36.4	32	28.4
		17	HFW17R-2ST_E_H1	LF 36.4	32	28.4
		18	HFW18R-2ST_E_H1	LF 36.4	32	28.4
SECTI	ON	19	HFW19R-2ST_E_H1	LF 48.4	44	40.4
G DIRECT		20	HFW20R-2ST_E_H1	LF 48.4	44	40.4
G UIISE 400 1	APETION	21	HFW21R-2ST_E_H1	LF 48.4	44	40.4
(COVER (COVER	MIN. (APE PORTION)	22	HFW22R-2ST_E_H1	LF 48.4	44	40.4
LEADE		23	HFW23R-2ST_E_H1	LF 48.4	44	40.4
		24	HFW24R-2ST_E_H1	LF 48.4	44	40.4
1.00	<u>MIN.</u>	25	HFW25R-2ST_E_H1	LF 48.4	44	40.4
	PACE)	26	HFW26R-2ST_E_H1	LF 48.4	44	40.4
(27	HFW27R-2ST_E_H1	LF 48.4	44	40.4
_		28	HFW28R-2ST_E_H1		44	40.4
		29	HFW29R-2ST_E_H1		44	40.4
		30	HFW30R-2ST_E_H1	LF 60.4	56	52.4
MATERI	al table					
PT. NO.	PARTS NAME	CAT. NO.	MATERIA	AL	COI	_OR
1	REEL		CARDBO	ARD	WH	IITE
I			POLYSTYF	RENE	BL/	ACK
2	EMBOSS TAPE		A PS or A-	-PET	TRANS	PARENT
3	COVER TAPE		POLYESTER, POL	YETHYLENE	TRANS	PARENT
4	CONNECTOR	HFW_R-2ST	H11F SEE SHE	FT 3		

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- 1. THIS IS PLASTIC TAPE PACKAGED CONNECTOR DESIGNED TO TERMINATE FPC/FFC AND COPES WITH AUTOMATIC MOUNTING (SMT).
- 2. SEE JIS C 0806 (PACKING OF ELECTRONIC COMPONENTS ON CONTINUOUS TAPES (SURFACE MOUNTING DEVICES)) FOR SHAPE AND DIMENSIONS OF PLASTIC (EMBOSSED) TAPE AND REEL. 3. D DIMENSION IS PORTION OF THE CORE.
- mat'l. code SEE_TABLE ISO 1302 V ISO 406 ISO 1101 ltr ecn no dr date tolerances unless otherwise specified 0.X/±0.5 В angles linear 0.xx/±0.5 0.XXX/±0.5 0°±5° S.WATANABE 2019-02-22 dr S.WATANABE 2019-02-22 engr chr S-H.THIO 2019-02-25 appd Y.KAMEDA 2019-02-25 sheet revision index sheet 4

form: A3-2016-02-24

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PDS: Rev :B

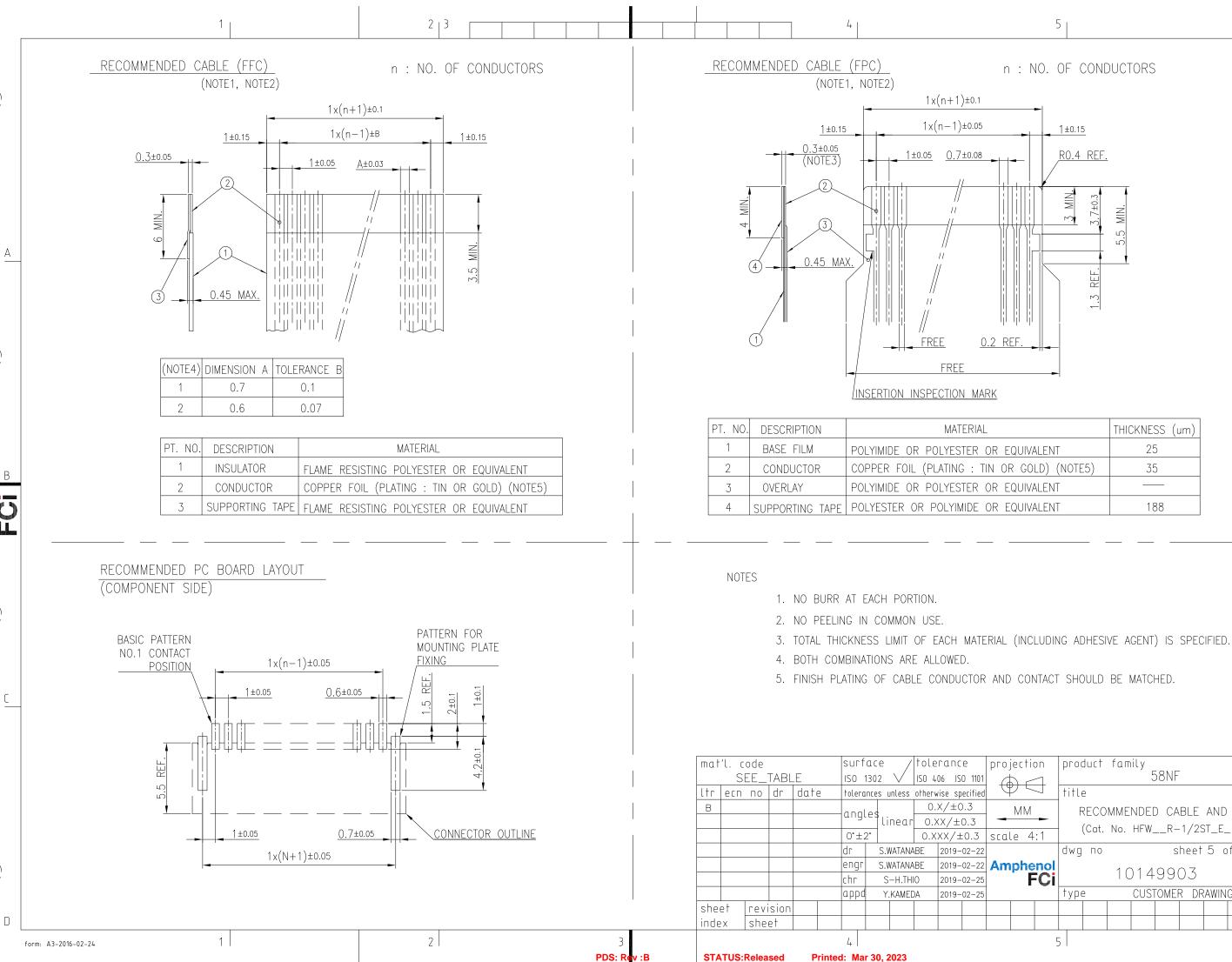
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Printed: Mar 30, 2023

CAT. NO. & DIMENSIONS

projection	prod	uct	fam	ily						
$\triangle \square$	58NF									
Ψ	title									
MM	1	mm	SP	ACIN	G SN	IT C	ONNI	ECTC	R	
scale N/A		(Cat.No. HFWR-2ST_E_H1LF)								
	dwg	ΠO			S	heet	4 о	f 5	size	
Amphenol FCi	10149903								Аз	
	type CUSTOMER DRAWING									
[5								6	

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n : NO. OF CONDUCTORS

	THICKNESS (um)
)r equivalent	25
N OR GOLD) (NOTE5)	35
)r equivalent	
DR EQUIVALENT	188

pro	jecti	οn	product family									
4		1	58NF									
	$\Psi \subseteq$	\neg	title	2								
	MM		F	RECOMMENDED CABLE AND PCB								
sco	ile 4	:1		(Cat. No. HFWR-1/2ST_E_H1LF)								
			dwg	ПО			S	heet	5 с	of 5	size	
An	FCi 10149903							\wedge –				
		FCi	I I I I 4 9 9 0 3 A 3									
]			type CUSTOMER DRAWING									
			5								6	
		-									0	

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