

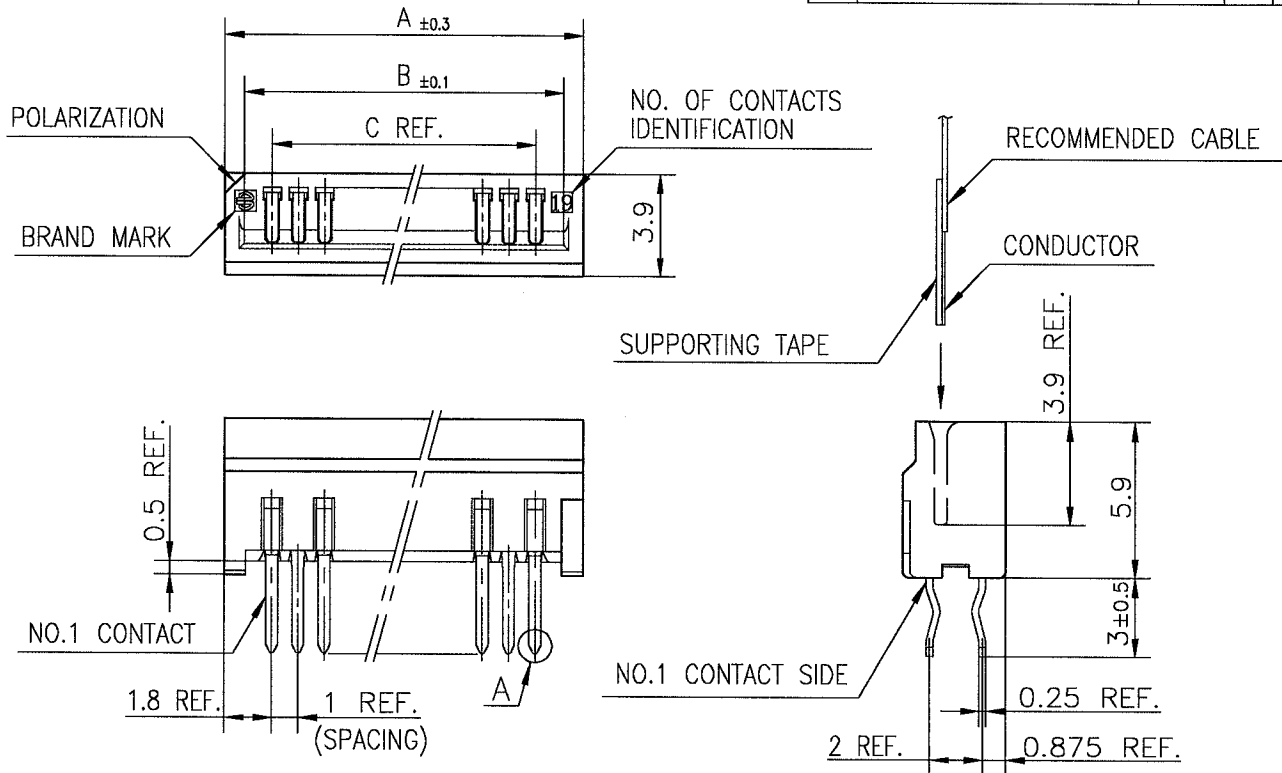
CAT. NO. & DIMENSIONS

CAT. NO.	HLW	(n)	R	- 2C7	LF
SERIES					
NO. OF CONTACTS					
R : RIGHT ANGLE TYPE					
S : STRAIGHT TYPE					
VARIATION					
LEAD FREE					

1. SEE PART DRAWINGS FOR
DIMENSIONS A~C.

SC-HLW05 JSA96405 96406 93382 93383

REVISIONS				
REV	DESCRIPTION	ECN	BY	DATE
A	RELEASED	J05-0270	H.T	5/10/05
B	Added heat resistance	J05-0735	H.T	10/28/05



MATERIAL

INSULATOR : PBT RESIN GLASS REINFORCED (UL94V-0)
 COLOR : BLACK
 CONTACT : PHOSPHOR BRONZE
 PLATING : TIN

NOTE 1. THIS PRODUCT IS STRAIGHT TYPE CONNECTOR.

2. THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.

3. THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 10 SECONDS IN A WAVE SOLDER APPLICATION WITH A 1.6mm THICK CIRCUIT BOARD.

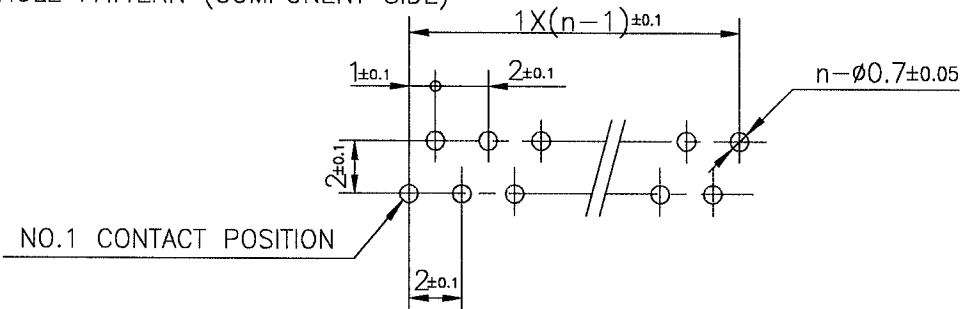
DETAIL A

RECOMMENDED PC BOARD

THICKNESS : 1.2~1.6

HOLE PATTERN (COMPONENT SIDE)

n : NO. OF CONTACTS



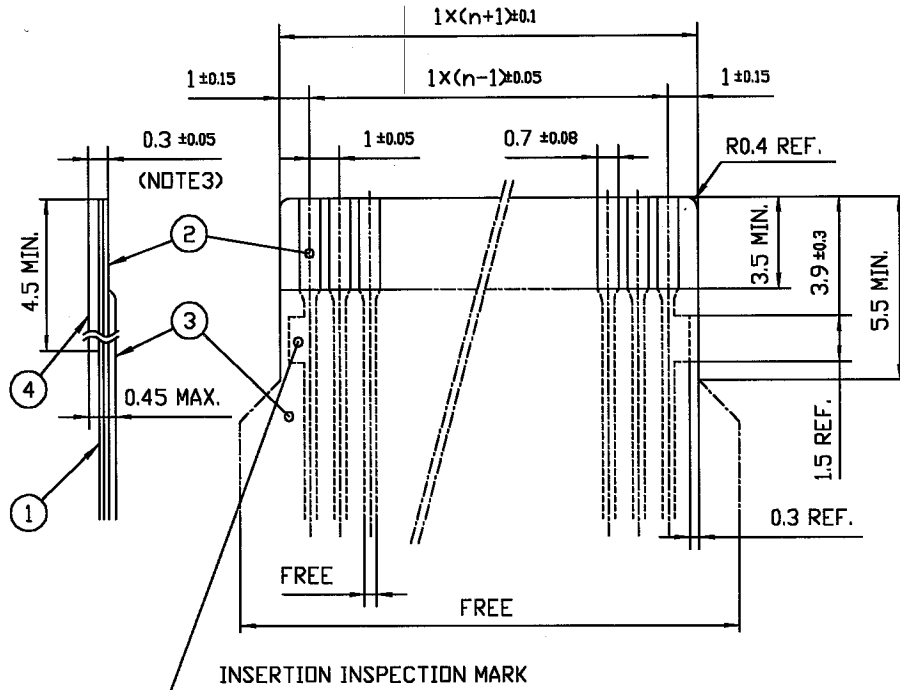
SHEET INDEX	ISSUE	B															
	SH NO.	1															
TOLERANCES UNLESS OTHERWISE SPECIFIED			DR		DATE		CUSTOMER COPY		TITLE 1mm SPACING CONNECTOR FOR FPC/FFC (Cat. No. :HLW__S-2C7LF)								
±0.2			ENGR		10/28/05		THIRD ANGLE PROJ										
LINEAR			CHK		10/31/05		UNIT		PRODUCT FAMILY 58JF								
ANGLES			APPD		11/1/05		MM INCH										
DO NOT SCALE PRINT			THIS INFORMATION IS CONFIDENTIAL AND IS DISCLOSED TO YOU ON CONDITION THAT NO FURTHER DISCLOSURE IS MADE BY YOU TO OTHER THAN FCI PERSONNEL WITHOUT WRITTEN AUTHORIZATION FROM FCI JAPAN K.K.										SCALE	SIZE	DWG. NO.	REV	SHEET
DF-140A REV A													X	A	JSA 96406	B	1 of 1

SC-HLW05 JSA96403

REVISIONS				
REV	DESCRIPTION	ECN	BY	DATE
AA	Changed form	J05-0270	H.T	5/11/05

RECOMMENDED CABLE (FPC)

n : NO. OF CONDUCTORS



PT. NO.	DESCRIPTION	MATERIAL	THICKNESS (μm)
1	BASE FILM	POLYIMIDE OR POLYESTER OR EQUIVALENT	25
2	CONDUCTOR	COPPER FOIL (PLATING : SOLDER 1μm MIN.)	35
3	OVERLAY	POLYIMIDE OR POLYESTER OR EQUIVALENT	—
4	SUPPORTING TAPE	POLYESTER OR POLYIMIDE OR EQUIVALENT	188

NOTES

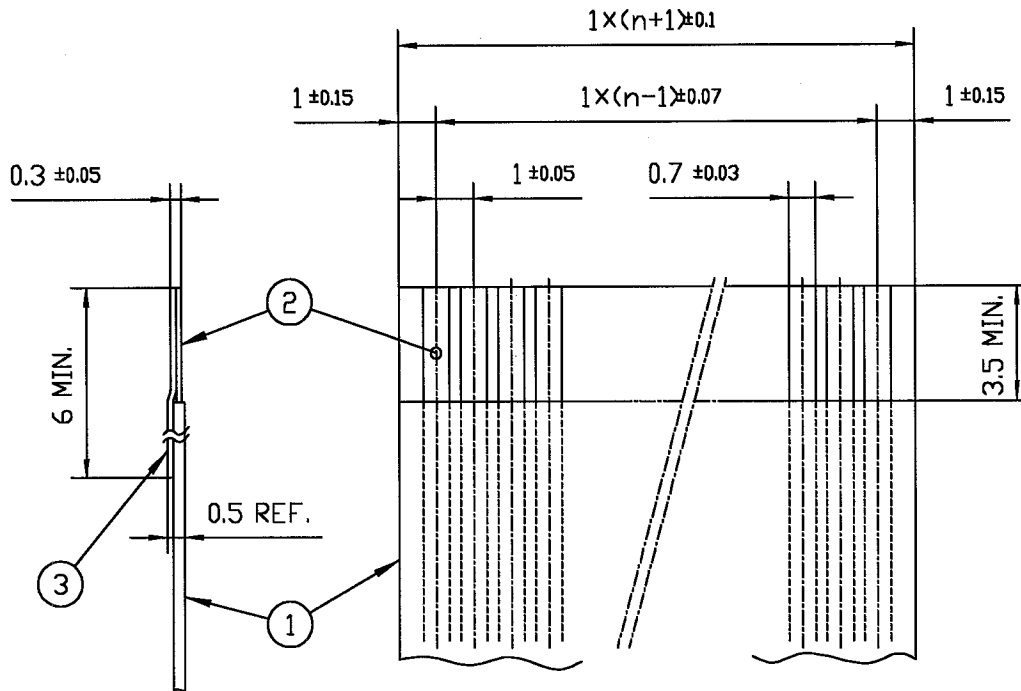
1. NO BURR AT EACH PORTION.
2. NO PEELING IN COMMON USE.
3. TOTAL THICKNESS LIMIT OF EACH MATERIAL (INCLUDING ADHESIVE AGENT) IS SPECIFIED.

SHEET INDEX	ISSUE	AA															
	SH NO.	1															
TOLERANCES UNLESS OTHERWISE SPECIFIED			DR	T. Sasaki		DATE	5/11/05		CUSTOMER COPY	TITLE RECOMMENDED CABLE (FPC) (Cat. No. HLW__R/S-__)							
LINEAR			ENGR	H. Takahara		DATE	5/13/05		THIRD ANGLE PROJ								
ANGLES			CHK	H. Takahara		DATE	5/13/05		UNIT	MM		PRODUCT FAMILY	58JF	CODE JP			
DO NOT SCALE PRINT			THIS INFORMATION IS CONFIDENTIAL AND IS DISCLOSED TO YOU ON CONDITION THAT NO FURTHER DISCLOSURE IS MADE BY YOU TO OTHER THAN FCI PERSONNEL WITHOUT WRITTEN AUTHORIZATION FROM FCI JAPAN K.K.						SCALE	4/1	SIZE	A	DWG. NO.	JSA93382	REV	AA	SHEET OF

REVISIONS				
REV	DESCRIPTION	ECN	BY	DATE
AA	Changed form	J05-0274	H.T	5/11/05

RECOMMENDED CABLE (FFC)

n : NO. OF CONDUCTORS



PT. NO.	DESCRIPTION	MATERIAL	NOTE
1	INSULATOR	FLAME RESISTING POLYESTER OR EQUIVALENT	_____
2	CONDUCTOR	COPPER FOIL	PLATING : TIN OR SOLDER 1μm MIN.
3	SUPPORTING TAPE	FLAME RESISTING POLYESTER OR EQUIVALENT	_____

NOTES

1. NO BURR AT EACH PORTION.
2. NO PEELING IN COMMON USE.

SHEET INDEX	ISSUE	AA																			
	SH NO.	1																			
TOLERANCES UNLESS OTHERWISE SPECIFIED			DR <i>T. Sasaki</i>		DATE 5/11/05		CUSTOMER COPY		TITLE RECOMMENDED CABLE(FFC) (Cat. No. HLW__R/S-__)												
LINEAR			ENGR <i>H. Takahara</i>		5/13/05		THIRD ANGLE PROJ														
ANGLES			CHK <i>H. Takahara</i>		5/13/05		UNIT MM INCH		PRODUCT FAMILY											CODE JP	
DO NOT SCALE PRINT			THIS INFORMATION IS CONFIDENTIAL AND IS DISCLOSED TO YOU ON CONDITION THAT NO FURTHER DISCLOSURE IS MADE BY YOU TO OTHER THAN FCI PERSONNEL WITHOUT WRITTEN AUTHORIZATION FROM FCI JAPAN K.K.														SCALE	SIZE	DWG. NO.	REV	SHEET
DF-140A REV A																	-	A	JSA 93383	AA	OF

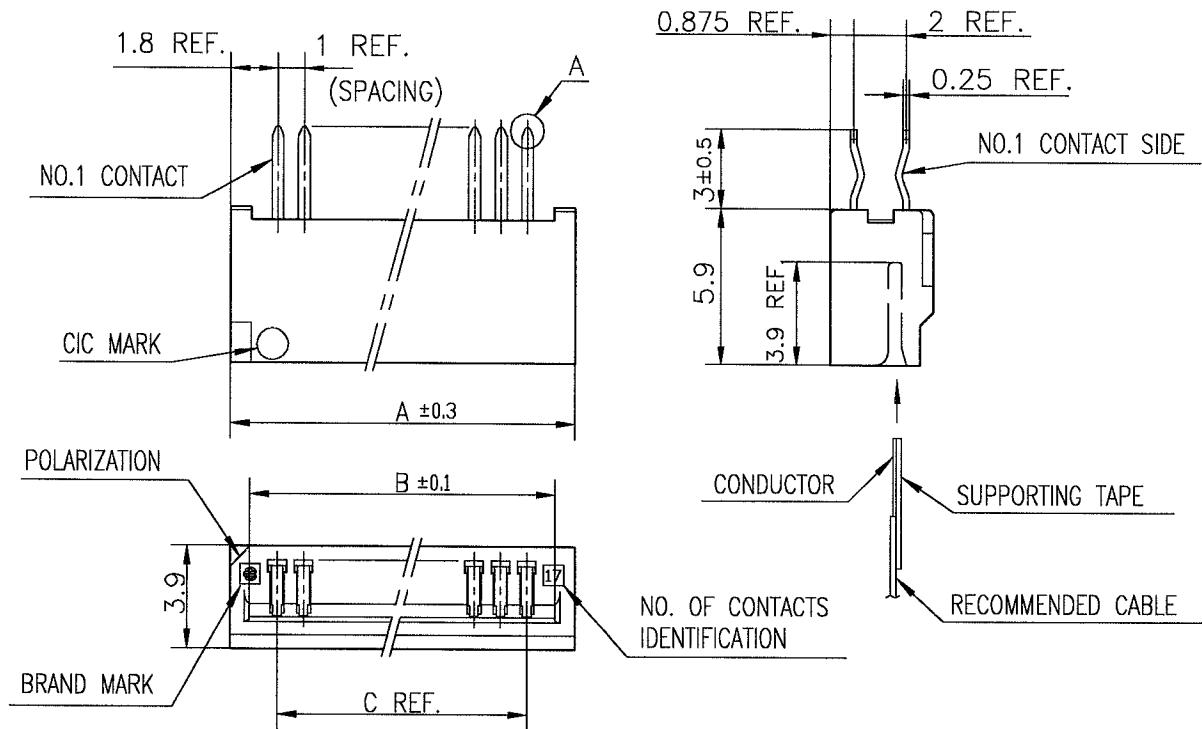
CAT. NO. & DIMENSIONS

CAT. NO.	HLW	(n)	R	- 6C7	LF
SERIES					
NO. OF CONTACTS					
R : RIGHT ANGLE TYPE					
S : STRAIGHT TYPE					
VARIATION					
LEAD FREE					

1. SEE PART DRAWINGS FOR
DIMENSIONS A~C.

SC-HI W06 ISA96407 96408 93626

REVISIONS				
REV	DESCRIPTION	ECN	BY	DATE
A	RELEASED	J05-0270	H.T	5/10/05
B	Added heat resistance	J05-0735	H.T	10/28/05



MATERIAL

INSULATOR : PBT RESIN GLASS REINFORCED (UL94V-0)
 COLOR : BLACK
 CONTACT : PHOSPHOR BRONZE
 PLATING : TIN

NOTE

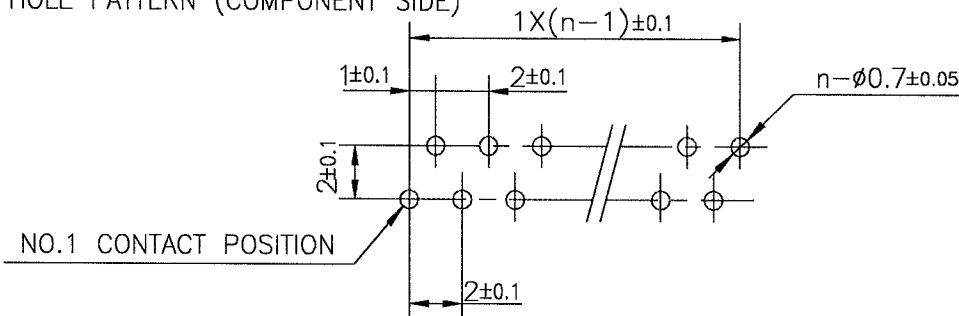
1. THIS PRODUCT IS STRAIGHT TYPE CONNECTOR.
2. THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.
3. THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 10 SECONDS IN A WAVE SOLDER APPLICATION WITH A 1.6mm THICK CIRCUIT BOARD.

RECOMMENDED PC BOARD

n : NO. OF CONTACTS

THICKNESS : 1.2~1.6

HOLE PATTERN (COMPONENT SIDE)



SHEET INDEX	ISSUE	B											
	SH NO.	1											
TOLERANCES UNLESS OTHERWISE SPECIFIED			DR	DATE		CUSTOMER COPY	FCI TITLE 1mm SPACING CONNECTOR FOR CIC (Cat. No. :HLW__S-6C7LF)						
LINEAR	±0.2	ENGR	10/28/05		THIRD ANGLE PROJ								
		CHK	10/31/05										
ANGLES		APPD	11/1/05		UNIT	MM							PRODUCT FAMILY
DO NOT SCALE PRINT			THIS INFORMATION IS CONFIDENTIAL AND IS DISCLOSED TO YOU ON CONDITION THAT NO FURTHER DISCLOSURE IS MADE BY YOU TO OTHER THAN FCI PERSONNEL WITHOUT WRITTEN AUTHORIZATION FROM FCI JAPAN K.K.						SCALE	SIZE	DWG. NO.	REV	SHEET
DF-140A REV A									X	A	JSA 96408	B	1 of 1

SC-HLW 06 JSA96404

PDM: Rev:B

STATUS: Released

Printed: Nov 29, 2005

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[FCI / Amphenol:](#)

[HLW10R-6C7LF](#) [HLW11R-6C7LF](#) [HLW11S-6C7LF](#) [HLW13S-6C7LF](#) [HLW14S-6C7LF](#) [HLW17S-6C7LF](#) [HLW18S-6C7LF](#) [HLW16S-6C7LF](#) [HLW10S-6C7LF](#) [HLW12R-6C7LF](#) [HLW14R-6C7LF](#) [HLW15S-6C7LF](#) [HLW16R-6C7LF](#) [HLW19R-6C7LF](#) [HLW20R-6C7LF](#) [HLW20S-6C7LF](#) [HLW22S-6C7LF](#) [HLW24R-6C7LF](#) [HLW26S-6C7LF](#) [HLW28S-6C7LF](#) [HLW4R-6C7LF](#) [HLW4S-6C7LF](#) [HLW5R-6C7LF](#) [HLW5S-6C7LF](#) [HLW7R-6C7LF](#) [HLW8R-6C7LF](#) [HLW8S-6C7LF](#)