

DIN 41612 Headers and Receptacles

HARSH ENVIRONMENT CONNECTOR WITH BOARD-TO- BOARD AND I/O CAPABILITY

DIN 41612 connector systems are the most popular backplane interconnect systems in IEC 603-2 specifications due to the widespread standard adoption, easy availability, cost-effectiveness, and durability.

The product design for Board-to-Board and I/O solutions involve both standard mount and reverse mount mating combination.

These connectors are available in up to three rows and maximum 96 positions with solder, press-fit, and reflow compatible pin-in paste terminations.

- Standard mount and reverse mount options available
- Revolutionary beam-on-beam contact interface
- Available in press-fit, solder-to-board, and pin-in-paste terminations

FEATURES

- Available in 2.54mm and 5.08mm pitch
- Follows modular system
- Selective loading pattern for contacts
- FMLB and LMEB contacts
- A wide range of accessories available
- Rear Plug-Up (RPU) capability



TARGET MARKETS



BENEFITS

- Compatible to industry standard and hence inter-mateable & interchangeable
- Standardized and cost-effective solutions
- Improves creepage distance, facilitates custom loading
- Flexibility in grounding options
- Enhances connector suitability and flexibility
- Promotes extended mating applications via shrouds on the rear side of the PCB

勝特力材料 886-3-5753170
 勝特力电子(上海) 86-21-34970699
 勝特力电子(深圳) 86-755-83298787
[Http://www.100y.com.tw](http://www.100y.com.tw)

TECHNICAL INFORMATION

MATERIAL

- Insulator: Polyester thermoplastic
- Housings can withstand exposure to lead free wave soldering temperature of 260°C to 265°C when used along with high temperature adhesive or protective metallic device for right angle connectors.
- Contact: Copper alloy (male & female contact)
- Plating: Lead-free version
- Male & female contacts (DIN 41612 compliant)
 - Active contact areas selectively plated
 - Gold over Nickel or GXT® over Nickel on mating surface
 - Tin over Nickel on solder termination

MECHANICAL PERFORMANCE

- Mating Insertion Force per Contact: $\leq 0.94\text{N}$
- Mating Extraction Force per Contact: $\geq 0.15\text{N}$
- Contact Retention in Insulator: $\geq 20\text{N}$
- Vibration: $\leq 1\mu\text{s}$
 - $\leq 40\text{m}\Omega$
- Shock: $\leq 1\mu\text{s}$
 - $\leq 40\text{m}\Omega$

ELECTRICAL PERFORMANCE

- Current Rating at 20°C: 1.5A
- Maximum Current: 2A
- Contact Resistance: $\leq 20\text{m}\Omega$
- Insulation Resistance: $\geq 10^6\text{M}\Omega$
- Test Voltage (rms): 1000V
- Creepage and Clearance Distance: $\geq 1.2\text{mm}$
- Wiping/Plug-in Direction: $\geq 1.8\text{mm}$

ENVIRONMENTAL

- Temperature Range: -55°C to +125°C
- Damp Heat
 - Steady state 56 days: Class 1
 - Steady state 21 days: Class 2
 - Not applicable: Class 3

SPECIFICATIONS

- DIN 41612
- IEC 603-2

PACKAGING

- Tray
- Tube
- Carton

APPROVALS AND CERTIFICATIONS

- UL
- NFF 16-101/102
- EN45545-2

TARGET MARKETS/APPLICATIONS



Switching/Routing
Enterprise
Transmission
Access – wired/wireless



Home Entertainment
White Goods
Phones



Servers
Personal Computing
Peripheral Device



Medical
Lighting
Process Control
Transportation
Instrumentation
Vehicle Electronics
Energy Transmission/Distribution
Control

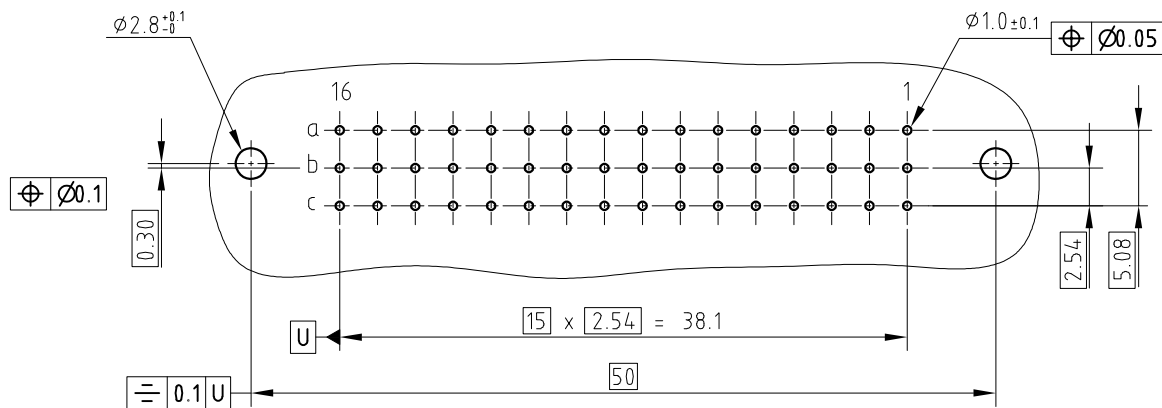
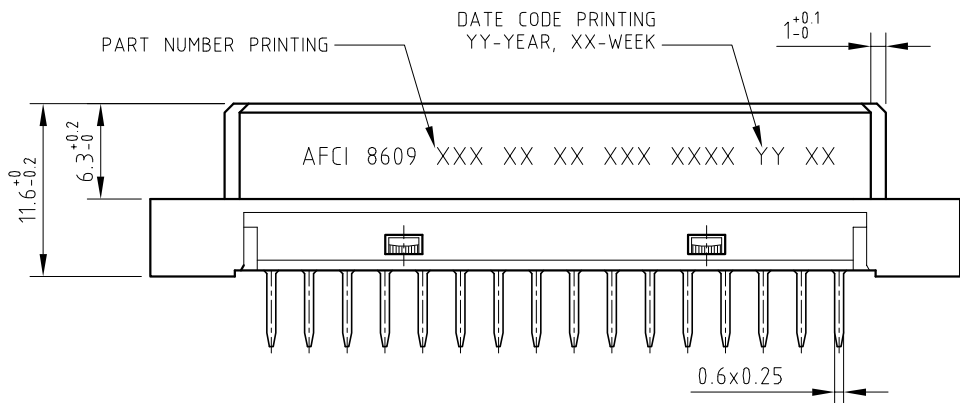
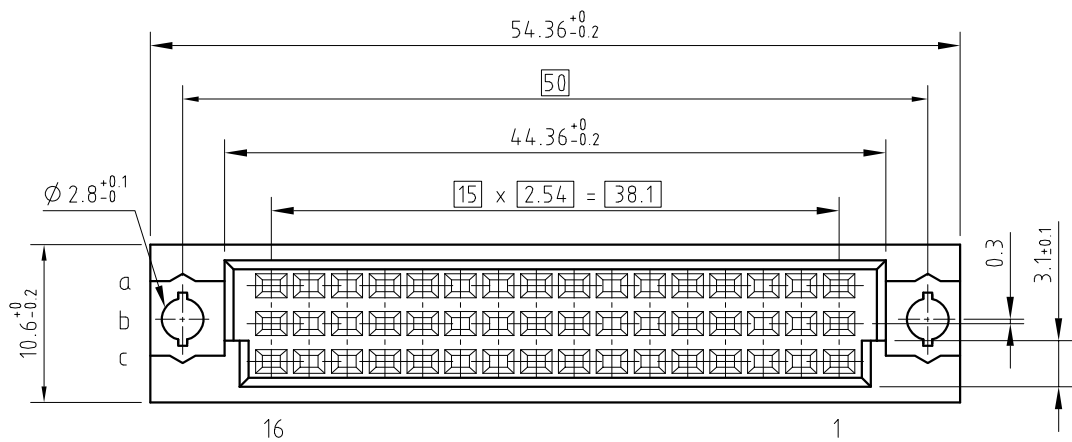
PART NUMBERS

Style	Connector	Configuration	Rows Loaded	Termination	Part Numbers
C	Right Angle Header	2 row / 64 pos.	a & c	Solder-to-board	860946471137*5ELF
				Press-fit	860946471947*5E1LF
		3 row / 96 pos.	a, b, c	Solder-to-board	860939671137*5ELF
				Press-fit	860939671947*5E1LF
	Straight Receptacle	2 row / 64 pos.	a & c	Solder-to-board	860946481147*5V1LF
				Press-fit	860946481947*5E3LF
		3 row / 96 pos.	a, b, c	Solder-to-board	860939681147*5V1LF
				Press-fit	860939681947*5E3LF
C/2	Right Angle Header	2 row / 32 pos.	a, b, c	Solder-to-board	860943273137*5ELF
		3 row / 48 pos.	a & c		860934873137*5ELF
	Straight Receptacle	2 row / 32 pos.	a, b, c	Solder-to-board	860934883147*5V1LF
		3 row / 48 pos.		Press-fit	860934883947*5E3LF
B	Right Angle Header	1 row / 32 pos.	a only	Solder-to-board	860913251137*5ELF
		2 row / 64 pos.	a & b		860926451137*5ELF
	Straight Receptacle	1 row / 32 pos.	a only		860913261147*5V1LF
		2 row / 64 pos.	a & b		860926461147*5V1LF
B/2	Right Angle Header	2 row / 32 pos.	a & b	Solder-to-board	860923253137*5ELF
	Straight Receptacle				860923263147*5E1LF
R	Straight Header	2 row / 64 pos.	a & c	Solder-to-board	860946478147*5ELF
				Press-fit	860946478947*5E1LF
		3 row / 96 pos.	a, b, c	Solder-to-board	860939678147*5ELF
				Press-fit	860939678947*5E1LF
	Right Angle Receptacle	2 row / 64 pos.	a & c	Solder-to-board	860946488137*5V1LF
				Press-fit	860946488947*5E3LF
		3 row / 96 pos.	a, b, c	Solder-to-board	860939688137*5V1LF
				Press-fit	860939688947*5E3LF
R/2	Straight Header	2 row / 32 pos.	a & c	Solder-to-board	860943276147*5ELF
		3 row / 48 pos.	a, b, c	Solder-to-board	860934876147*5ELF
				Press-fit	860934876947*5E1LF
	Right Angle Receptacle	2 row / 32 pos.	a & c	Solder-to-board	860943286137*5E1LF
		3 row / 48 pos.	a, b, c		860934886137*5E1LF
Q	Straight Header	2 row / 64 pos.	a & b	Solder-to-board	860926458147*5ELF

Note: Asterisk () in part number denotes Performance class: PN Code 6,5,4 for Class 1, 2 & 3 respectively. Custom loading and other options available on request.

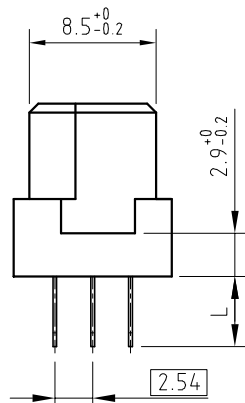
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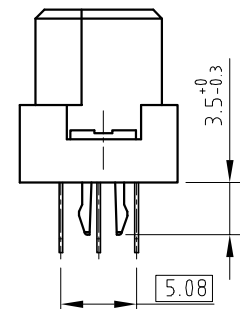


PCB DRILLING DETAILS

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NO OPTION



WITH HARPOONS

TECHNICAL SPECIFICATION

HOUSING MATERIAL	:	THERMOPLASTIC POLYESTER UL94V0; GREY
HOUSING CAN WITHSTAND EXPOSURE TO LEAD FREE WAVE SOLDERING TEMPERATURE OF 260-265°C FOR STRAIGHT CONNECTORS AS IT IS IN CLASSICAL LEAD WAVE SOLDERING AT 235-250°C		
CONTACT & HARPOON MATERIAL	:	COPPER ALLOY
CONTACT PLATING	:	
ACTIVE ZONE	:	Au / GXT™ OVER Ni
TERMINATION ZONE	:	Sn (PURE MATT) OVER Ni
HARPOON PLATING	:	Sn (PURE MATT) OVER Ni

ELECTRICAL DATA

CURRENT RATING AT 20°C	:	15 A
CURRENT (I MAX)	:	2 A
TEMPERATURE RANGE	:	-55°C TO +125°C
CONTACT RESISTANCE	:	≤ 20 mΩ
INSULATION RESISTANCE	:	≥ 10 ⁶ MΩ
TEST VOLTAGE (rms)	:	1000 V

MECHANICAL DATA

INSERTION FORCE PER CONTACT	:	≤ 0.94 N
EXTRACTION FORCE PER CONTACT	:	≥ 0.15 N
REFERENCE SPECIFICATION	:	DIN 41612 / IEC 603-2

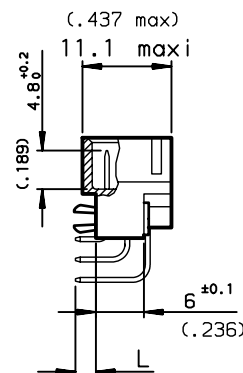
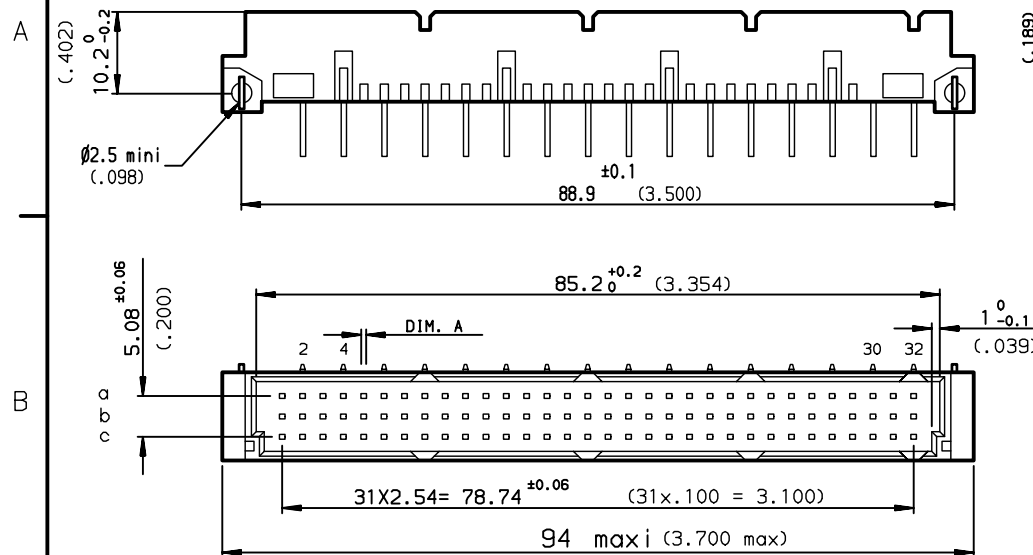
SERIES	8609	3	48	8	3	14	7	5	5	V1LF
ROWS FITTED WITH CONTACTS										
ROW a b c		3	48							
ROW a - c		4	32							
NO. OF CONTACTS										
TYPE OF INSULATOR										
3 ROW FEMALE INSULATOR										8
METHOD OF MOUNTING										
STANDARD MOUNTING - STYLE C/2										3
TERMINATION										
STRAIGHT SPILL LONG, L = 4.0+0.7/-0										14
STRAIGHT SPILL SHORT, L = 2.5+0.7/-0										24
OPTIONS										
NO OPTION										7
WITH HARPOONS										H
PERFORMANCE CLASS										
DIN 41612 CLASS 3										4
DIN 41612 CLASS 2										5
DIN 41612 CLASS 1										6
AS PER MIL C 55302 / JSS 50808										8
PITCH PER ROW										
2.54 mm										5
LEAD FREE VERSION										V1LF

mat'l. code	surface	tolerance	projection	product family
SEE TECH. SPEC.	ISO 1302	ISO 406 ISO 1101		8609
ltr	ecn no	dr	date	title
A	I08-0171	KR	2008-12-19	DIN STANDARD RECEPTACLE
B	ELX-I-010167	MJA	2012-02-02	STRAIGHT SPILL DIN 41612 STYLE C/2
C	ELX-I-30157	MJA	2018-05-11	
				dwg no
				sheet 1 of 1
				size
				A3
				type
				Product Customer Drawing
sheet	revision	C		
index	sheet	1		

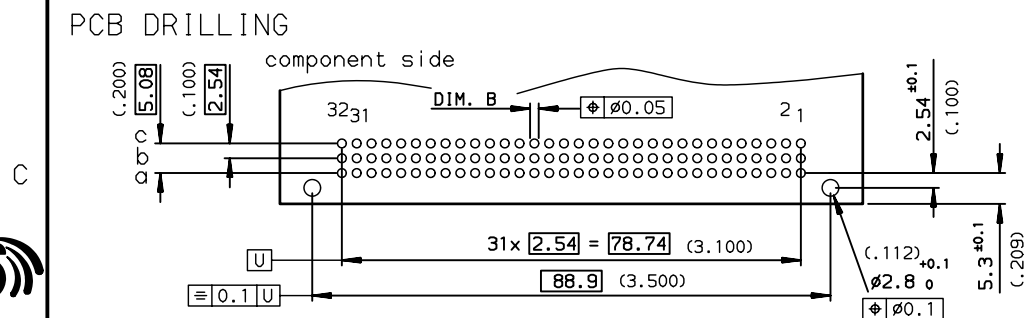
NOTES:

- THE "LF" PRODUCTS MEET EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-47-0004.
- LEAD FREE OR RoHS DIRECTIVE LABELING TO BE PROVIDED AS PER GS-14-920 FOR LEAD FREE VERSION.
- FOR GENERAL CHARACTERISTICS AND RoHS INFORMATION, REFER DRAWING C-8609-0000A.

DIMENSIONS mm (inches)



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PART NUMBER		8609		71		8	
PIN OUT		rows a-b-c		3 - 48		4 - 32	
NUMBER OF CONTACTS							
TERMINATION		L = 2.75 ±0.15 (.108)		A = 0.6X0.6		B = 0.8 ±0.3	
		L = 4.15 ±0.15 (.163)		A = 0.6X0.6		B = 0.8 ±0.3	
OPTIONS		no option		for PCB thickness 1.6 mm		7	
		with harpoons				H	
PERFORMANCE CLASS		DIN 41612 class 3				4	
		DIN 41612 class 2				5	
		DIN 41612 class 1				6	
TERMINATION TYPE		TIN LEAD				000E1	
		LEAD FREE				E1LF	

GENERAL CHARACTERISTICS AND ROHS INFORMATIONS:

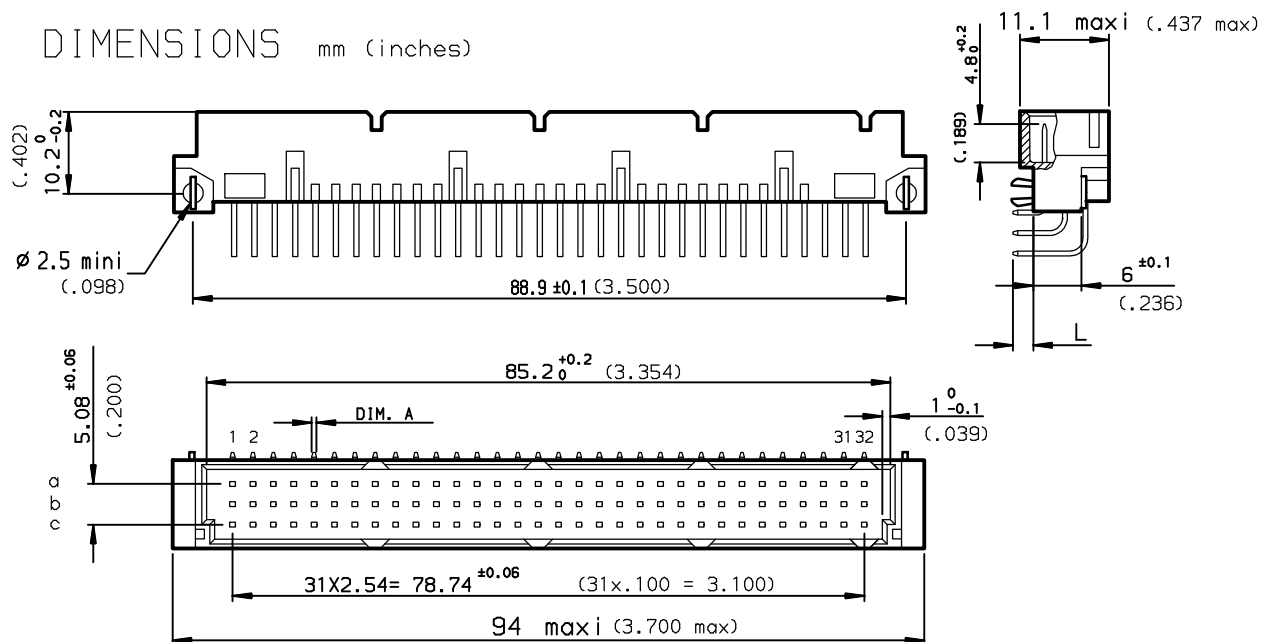
SEE DRAWING C-8609-0000A

European Views

rev	ecn no	dr	date
A	-	-	1997/10/27
B	LS05-001	JTA	2005/03/02
C	LS06-0095	LGO	2006/07/21
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

www.fciconnect.com		surface ISO 1302		tolerance std ISO 406 ISO 1101		projection mm	
		ANGULAR		TOLERANCES UNLESS OTHERWISE SPECIFIED		size A3	
Dr ROUILLARD		1997/10/27		0.X		Scale 1.5	
Eng TARON		1997/10/27		0.XX		ECN LS06-0095	
Chr LEGARE		1997/10/27		0.XXX		Spec ref -	
Appr LEGARE		1997/10/27		Product family DIN 8609		Rev. C	
FCI		RIGHT ANGLE MALE - STYLE C		SOLDER TO BOARD		C-8609-0631	
catalog no		-		CUSTOMER		sheet 1 of 1	

DIMENSIONS mm (inches)



GENERAL CHARACTERISTICS AND ROHS INFORMATION:

SEE DRAWING C-8609-0000A

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TIN LEAD	LEAD FREE	
8609 396 71 13 755 000 E1	8609 396 71 13 755 E1 LF	Style C header, 96 Position, solder to board, class 2
8609 396 71 13 765 000 E1	8609 396 71 13 765 E1 LF	Style C header, 96 Position, solder to board, class 1
8609 396 71 13 H55 000 E1	8609 396 71 13 H55 E1 LF	Style C header, 96 Position, solder to board, class 2, fixing clips
8609 464 71 13 755 000 E1	8609 464 71 13 755 E1 LF	Style C header, 64 Position, solder to board, class 2
8609 464 71 13 765 000 E1	8609 464 71 13 765 E1 LF	Style C header, 64 Position, solder to board, class 1
8609 464 71 13 H55 000 E1	8609 464 71 13 H55 E1 LF	Style C header, 64 Position, solder to board, class 2, fixing clips
TIN LEAD	LEAD FREE	
8609 396 71 13 745 000 E1	8609 396 71 13 745 E1 LF	Style C header, 96 Position, solder to board, class 3
8609 396 71 13 H45 000 E1	8609 396 71 13 H45 E1 LF	Style C header, 96 Position, solder to board, class 3, fixing clips
8609 396 71 13 H65 000 E1	8609 396 71 13 H65 E1 LF	Style C header, 96 Position, solder to board, class 1, fixing clips
8609 464 71 13 745 000 E1	8609 464 71 13 745 E1 LF	Style C header, 64 Position, solder to board, class 3
8609 464 71 13 H45 000 E1	8609 464 71 13 H45 E1 LF	Style C header, 64 Position, solder to board, class 3, fixing clips
8609 464 71 13 H65 000 E1	8609 464 71 13 H65 E1 LF	Style C header, 64 Position, solder to board, class 1, fixing clips

Application specific part-numbers: See sheet 2

www.fciconnect.com

surface
ISO 1302tolerance std
ISO 406 ISO 1101projection
mm

TOLERANCES UNLESS OTHERWISE SPECIFIED

Dr	ROUILLARD	1992/05/05
Eng	TARON	1992/05/05
Chr	LEGARE	1992/05/05
Appr	LEGARE	1992/05/05

ANGULAR
0.XX' ±2°LINEAR
0.XX ±0.1
0.XXX ±0.1size
A3
ECN L506-0097Scale
1:1
Spec ref -

RIGHT ANGLE HEADER - STYL
SOLDER TO BOARD

catalog no

dwg no

C-8609-0250-1

Rev.
F

CUSTOMER sheet 1 of 1

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Technical drawing of a component side view. The drawing shows a rectangular component with a grid of holes. Key dimensions and tolerances are indicated:

- Top left dimensions: $(.200)$ with a boxed value of 5.08 , and $(.100)$ with a boxed value of 2.54 .
- Top center dimension: $DIM. B$ with a tolerance of $\phi \pm 0.05$.
- Top right dimensions: 2.54 ± 0.1 and $(.100)$.
- Bottom left dimensions: U and $0.1 U$.
- Bottom center dimensions: $31 \times 2.54 = 78.74$ (with (3.100) in parentheses) and 88.9 (with (3.500) in parentheses).
- Bottom right dimensions: $(.112)$ and $\phi 2.8 \pm 0.1$.
- Bottom right corner dimension: $\phi \pm 0.1$.
- Bottom right corner dimension: 5.3 ± 0.1 and $(.209)$.

SEE DRAWING C-8609-0000A

rev	ecn no	dr	date
C	-	LEL	2002/08/28
D	LS05-001	JTA	2005/03/02
E	LS05-0056	LGO	2005/06/21
F	LS06-0097	LGO	2006/07/11
-	-	-	-
-	-	-	-
-	-	-	-

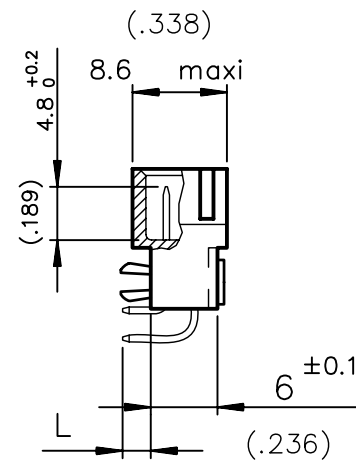
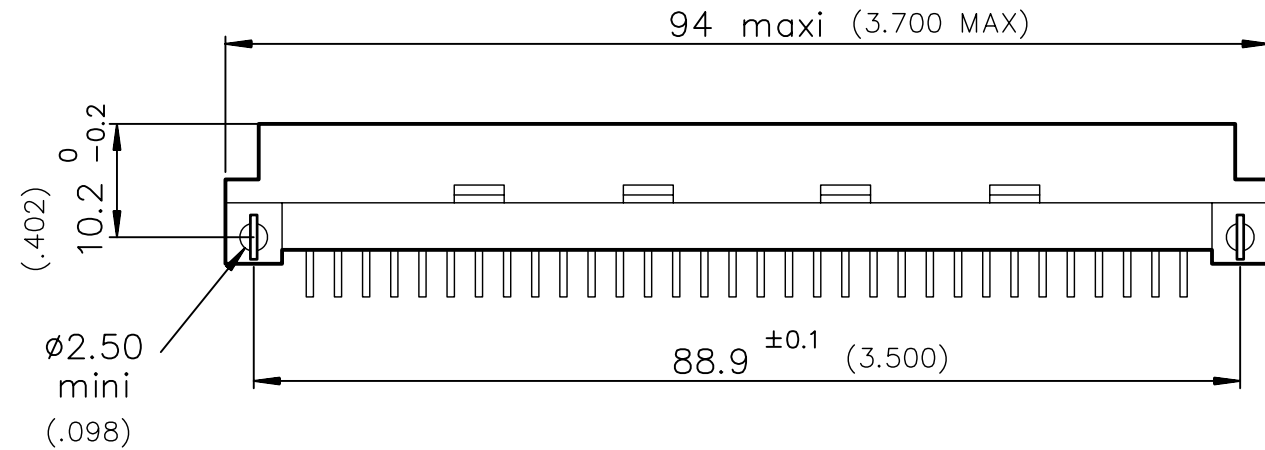
REV F - 2006-04-17



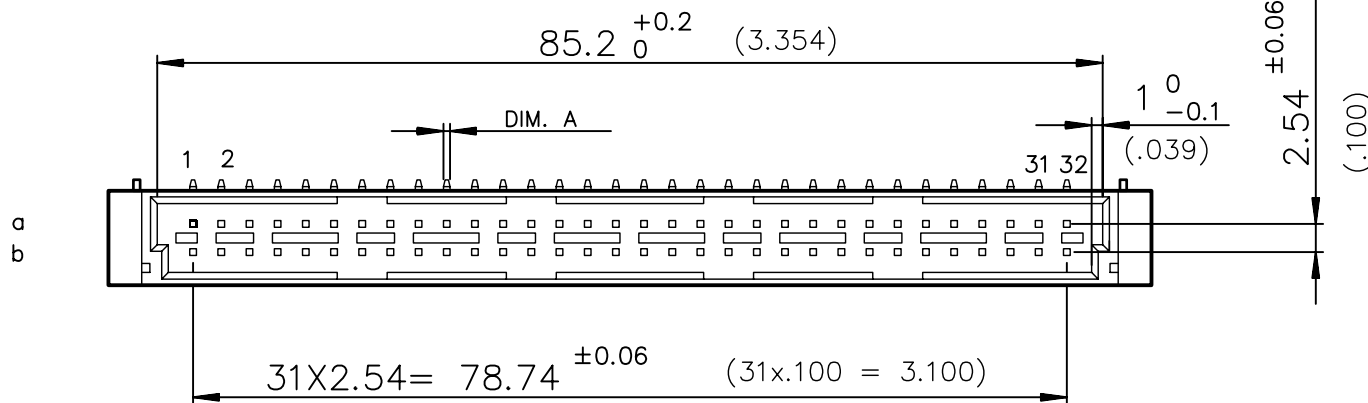
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D

DIMENSIONS mm (inches)



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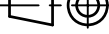
GENERAL CHARACTERISTICS AND ROHS INFORMATION:
SEE DRAWING C-8609-0000A

TIN LEAD	LEAD FREE	
8609 264 51 13 755 000 E1	8609 264 51 13 755 E1 LF	Style B header, 64 Position, solder to board, class 2
8609 264 51 13 765 000 E1	8609 264 51 13 765 E1 LF	Style B header, 64 Position, solder to board, class 1
8609 264 51 13 H55 000 E1	8609 264 51 13 H55 E1 LF	Style B header, 64 Position, solder to board, class 2, fixing clips
TIN LEAD	LEAD FREE	
8609 264 51 13 745 000 E1	8609 264 51 13 745 E1 LF	Style B header, 64 Position, solder to board, class 3
8609 264 51 13 H65 000 E1	8609 264 51 13 H65 E1 LF	Style B header, 64 Position, solder to board, class 1 fixing clips

Application specific part-numbers: See sheet 2

European Views

rev	ecn no	dr	date
C	-	ROU	2002/08/30
D	LS05-001	JTA	2005/03/04
E	LS06-0097	LGO	2006/07/11
F	LS07-0033	HLG	2007/02/07
G	I10-0224	SAL	2010-11-19
-	-	-	-
-	-	-	-

www.fciconnect.com			surface ISO 1302		✓	tolerance std ISO 406 ISO 1101		projection 	mm 	
			TOLERANCES UNLESS OTHERWISE SPECIFIED							
Dr	ROUILLARD	1992-07-07	ANGULAR	LINEAR	0.X	±0.1	size A3	Scale 1.5		
Eng	TARON	1992-07-07			0.XX	±0.1				
Chr	S ALOSIUS	2010-11-19			0.XXX	±0.1				
Appr	BIJU K PAUL	2010-11-19	0.XX' ±2				ECN I10-0224			
			Product family				DIN 8609	Spec ref -		
			title				RIGHT ANGLE HEADER - STYLE B		dwg no C-8609-0288	Rev. G
			SOLDER TO BOARD							
			catalog no -							
							CUSTOMER	sheet 1 of 2		

1

2

3

4

PART NUMBER

8609

51

5

PIN OUT

rows a

rows a-b

1

32

2

64

NUMBER OF CONTACTS

TERMINATION

L = 2.75 ±0.15 (.108)

A =

B = $\varnothing 0.8^{+0.3}_0$

13

L = 4.15 ±0.15 (.163)

A = 0.6X0.6

B = $\varnothing 1 \pm 0.1$

23

OPTIONS

no option

with harpoons

7

H

PERFORMANCE CLASS

DIN 41612 class 3

DIN 41612 class 2

DIN 41612 class 1

4

5

6

TERMINATION TYPE

TIN LEAD

LEAD FREE

000E1

E1LF

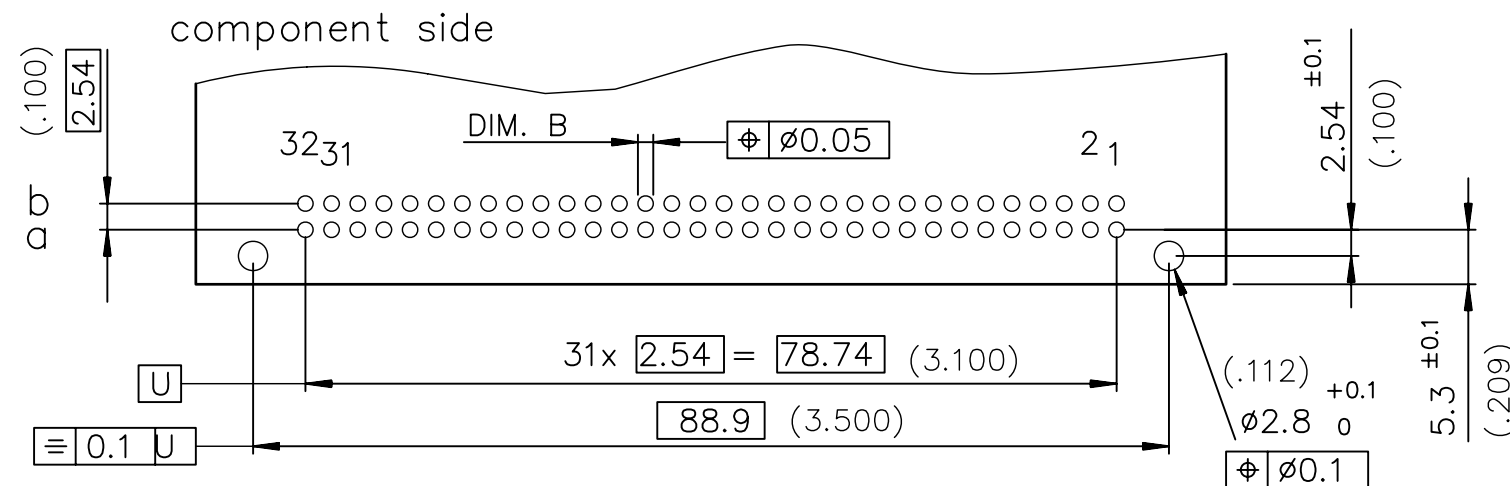
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PCB DRILLING



GENERAL CHARACTERISTICS AND ROHS INFORMATIONS:

SEE DRAWING C-8609-0000A

European Views

rev	ecn no	dr	date
C	-	ROU	2002/08/30
D	LS05-001	JTA	2005/03/01
E	LS06-0097	LGO	2006/07/11
F	LS07-0033	HLG	2007/02/07
G	I10-0224	SAL	2010-11-19
-	-	-	-
-	-	-	-

www.fciconnect.com			surface ISO 1302	tolerance std ISO 406 ISO 1101	projection A3	mm
			TOLERANCES UNLESS OTHERWISE SPECIFIED		size	Scale
Dr	ROUILLARD	1997-07-07	ANGULAR	0.X	±0.1	1.5
Eng	TARON	1997-07-07	LINEAR	0.XX	±0.1	
Chr	S ALOSIUS	2010-11-19	0.XX ±2	0.XXX	±0.1	
Appr	BIJU K PAUL	2010-11-19	Product family		ECN	I10-0224
			DIN 8609		Spec ref	-
			RIGHT ANGLE HEADER - STYLE B			Rev.
			SOLDER TO BOARD			G
			catalog no	-	CUSTOMER	sheet 2 of 2

REV F - 2006-04-17

1

2

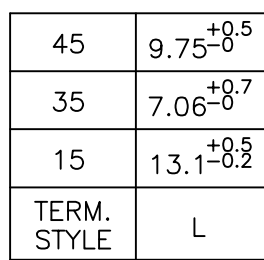
3

4

PDM: Rev:G

STATUS: Released

Printed: May 14, 2011



REFERENCE SPECIFICATIONS

- DIN-41612
- IEC-603-2

PHYSICAL CHARACTERISTICS

- INSULATOR MATERIAL:
 - Polyester thermoplastic UL94V0 - Color grey
- CONTACT MATERIAL: -PHOSPHOR BRONZE : (FEMALE CONTACT)
-PHOSPHOR BRONZE : (MALE CONTACT-SOLDER TAILS)

ELECTRICAL CHARACTERISTICS

- CURRENT RATING : 1.5A at 20°C / 1A at 70°C 40A AT 20°C (power contact)
- MAXIMAL CURRENT: 2A
- CONTACT RESISTANCE: $\leq 20\text{m}\Omega$ $\leq 1\text{m}\Omega$ under 10 A (power contact)
- VOLTAGE PROOF: contact/contact 1000 V eff (0.5 mA / 50 Hz)
contact/ground 1550 V eff (0.5 mA / 50 Hz)
- INSULATION RESISTANCE: $\geq 10^6 \text{ M}\Omega$
- CREEPAGE AND CLEARANCE DISTANCE: $\geq 1.2 \text{ mm}$
- WIPPING/PLUG IN DIRECTION: $\geq 1.8\text{mm}$
- ALTERNATIF CURRENT V AC: 330 V
- DIRECT CURRENT V DC: 470 V

MECHANICAL CHARACTERISTICS

- MATING FORCE: $\leq n \times 0.94 \text{ N}$ (n = NUMBER OF CTS) $\leq 10 \text{ N}$ (power contact)
- UNMATING FORCE: $\geq n \times 0.15 \text{ N}$ (n = NUMBER OF CTS) $\leq 10 \text{ N}$ (power contact)
- GAUGE RETENTION FORCE: $\geq 0.15 \text{ N}$
THICKNESS GAUGE = 0.56 0/-0.02 - SURFACE ROUGHNESS: Ra = 0.25 μm MAXI
- CONTACT RETENTION IN INSULATOR: $\geq 20 \text{ N}$ according to IEC 512 test 6d
- VIBRATIONS: $\leq 1 \mu\text{s}$ according to IEC 512.4 test 6d
 $\leq 40 \text{ ma}$ according to DIN41640 teil 15 test 6d

DIN class 3	(not applicable)
DIN class 2	10-500 HZ/5g
DIN class 1	10-2000 HZ/20g

- SHOCK: $\leq 1 \mu\text{s}$ according to IEC 512 test 6c
 $\leq 40 \text{ ma}$ according to DIN 41640 teil 14 test 6c

ENVIRONMENTAL CHARACTERISTICS

- CLIMATIC CATEGORY: TEMPERATURE RANGE -55°C TO +125°C
DAMP HEAT STEADY STATE 56 DAYS Class 1
21 DAYS Class 2
(not applicable) Class 3
- ELECTRICAL LOAD AND TEMPERATURE: T = +70°C / I = 1A PER CTS - 1000 HRS

PERFORMANCE LEVELS

TIN LEAD P/N : 8609 XXX XX XX 7XX XXX EX
Pure Tin P/N : 8609 XXX XX XX 7XX XX LF

勝特力材料 886-3-5753170
勝特力电子(上海) 86-21-34970699
勝特力电子(深圳) 86-755-83298787
[Http://www.100y.com.tw](http://www.100y.com.tw)

MECHANICAL ENDURANCE AND INDUSTRIAL ATMOSPHERE TEST ⁽¹⁾		PERFORMANCE LEVELS
4	50 OPERATIONS	DIN Class 3
5	200 OP. + TEST(1) 4 DAYS + 200 OP.	DIN Class 2
6	250 OP. + TEST(1) 21 DAYS + 250 OP.	DIN Class 1

TEST: ⁽¹⁾ INDUSTRIAL ATMOSPHERE SO₂

METALLIZED HOLE DIMENSIONS

- P.C.B HOLE DEFINITION: FINISH HOLE: $\emptyset 0.90 - 1.10$

CONTACT PLATING

- TIN LEAD VERSION:
 - MALE AND FEMALE CONTACTS:
 - GOLD OVER NICKEL or GOLD+PALLADIUM-NICKEL OVER NICKEL ON MATING SURFACES
 - TIN LEAD OVER NICKEL ON SOLDER TERMINATION
- LEAD FREE VERSION:

NOTE RoHS INFORMATION

- The "LF" products meet European Union Directives and other country regulations as described in GS-22-008.
- The housing will withstand exposure to 260°C peak temperature for 3.5 seconds in a wave solder application with a 1.6mm minimum thick circuit board.
- Termination plating spec: 1.27 μm Nickel mini, 2.5 to 7.5 μm Pure Tin (matte)
- Packaging spec: see GS-14-920

IMPORTANT:

- For the right angled versions, like the current leaded versions, it's recommended to use high temperature adhesive or metallic device, to protect the nearest plastic part in contact with of the solder wave, to avoid any visual plastic deterioration.

European Views

www.fciconnect.com		surface ISO 1302	tolerance std ISO 406 ISO 1101	projection	mm
		TOLERANCES UNLESS OTHERWISE SPECIFIED			
Dr	GOISNARD	2005/04/07	ANGULAR	0.X	± 0.1
Eng	TARON	2005/04/07	LINEAR	0.XX	± 0.1
Chr	LEGARE	2005/04/07		0.XXX	± 0.1
Appr	LEGARE	2005/04/07	Product family	DIN 8609	Spec ref -
FCI		DIN 41612 STB CONNECTORS		dwg no	C-8609-0000A
		GENERAL CHARACTERISTICS		Rev.	F
catalog no				CUSTOMER	sheet 1 of 1

rev	ecn no	dr	date
A	LS05-0039	LGO	2005/04/07
B	LS05-0070	LGO	2005/09/13
C	LS06-0097	LGO	2006/07/11
D	LS06-0142	LGO	2006/09/18
E	LS06-0201	HLE	2006/11/29
F	LS07-0211	HLE	2007/08/16
-	-	-	-

REV F - 2006-04-17