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## NOTES:-

1. THE "LF" PRODUCTS MEET EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008
2. LEAD FREE OR RoHS DIRECTIVE LABELING TO BE PROVIDED AS PER GS-14-920 FOR RoHS COMPATIBLE VERSION.

PRODUCT NUMBER BPS8B21FLD-C0--LF

WITH "LF" SUFFIX LEAD FREE OR RoHS COMPATIBLE PRODUCT

| WIRE ACCOMODATION |           |                        | CONTACT PLATING |                                |
|-------------------|-----------|------------------------|-----------------|--------------------------------|
| PRODUCT NUMBER    | WIRE SIZE | CONTACT IDENTIFICATION | PLATING CODE    | PERFORMANCE LEVEL PER DIN41612 |
| BPS8B21FLD0C0--LF | AWG28/30  | 0                      | Z0              | CLASS 3                        |
| BPS8B21FLD2C0--LF | AWG24/26  | 2                      | Z1              | CLASS 2                        |
|                   |           |                        | E9              | CLASS 1                        |

## PERFORMANCES CHARACTERISTICS

VOLTAGE RATING : 250 VAC (rms)  
CURRENT RATING : 1,5 A AT 25 °C, 1 A AT 70 °C.  
INSULATION RESISTANCE : 1000MΩINITIAL, 100MΩMIN. AFTER TEST  
DIELECTRIC WITH--  
STANDING VOLTAGE : 1000 VAC (rms).  
CONTACT RESISTANCE : 15mΩMAX. INITIAL, 5mΩMAX. RISE OF INITIAL VALUE AFTER TEST.  
OPERATING TEMPERATURE\*: -40 °C TO +125 °C.  
INSERTION FORCE : 1 N MAX./CONTACT.  
WITHDRAWAL FORCE : 0,2 N MIN./CONTACT.

\*DEPENDING ON THE CABLE, THE MAX. TEMPERATURE CAN BE LOWER.  
FOR STANDARD PVC INSULATED CABLE : 105 °C MAX.

## CONSTRUCTION

BODY MATERIAL : GLASS-REINFORCED THERMOPLASTIC (UL94V-0).  
COVER MATERIAL : POLYESTER (PBTP), COLOUR : BLACK.  
CONTACT MATERIAL : PHOSPHOR BRONZE.  
CONTACT FINISH : Au OVER Ni IN CONTACT AREA  
Sn (MATT TIN) ON I.D.C. TERMINAL  
Z0 : PERFORMANCE LEVEL PER DIN41612 CLASS 3  
Z1 : PERFORMANCE LEVEL PER DIN41612 CLASS 2  
E9 : PERFORMANCE LEVEL PER DIN41612 CLASS 1  
OTHERS : CONSULT FCI  
TIE-WRAP : OPTIONAL PART N°. TF3.

## PART NUMBERS

BPS8B21FLD0C0--LF CONNECTOR FOR WIRE SIZE AWG28, AWG30.  
(CONTACT IDENTIFICATION : 0).  
BPS8B21FLD2C0--LF CONNECTOR FOR WIRE SIZE AWG24, AWG26  
(CONTACT IDENTIFICATION : 2).

## AWG WIRE SIZE MARKING

BPS8B21FLD0C0--LF : 28/30.  
BPS8B21FLD2C0--LF : 24/26.

## DATECODE MARKING

A + YEAR & WEEKCODE, EXAMPLE : A9950.

|             |          |          |            |                   |               |                     |            |                      |                               |           |
|-------------|----------|----------|------------|-------------------|---------------|---------------------|------------|----------------------|-------------------------------|-----------|
| mat'l. code |          |          |            | surface           |               | tolerance           |            | projection           | product family                |           |
| SEE NOTE    |          |          |            | ISO 1302          | ✓             | ISO 406             | ISO 1101   |                      | BPS8                          |           |
| ltr         | ecn no   | dr       | date       | tolerances unless |               | otherwise specified |            |                      | title                         |           |
| A           | F00819   | DLE      | 2000-10-23 | angles            | linear        | 0.1±0.2             |            |                      |                               | ASSY BPS8 |
| B           | I05-0123 | MINI     | 2005-07-27 |                   |               | 0.01±0.1            |            | 21 POS. A,B,C LOADED |                               |           |
| C           | I06-0067 | MINI     | 2006-06-01 |                   |               | ±1°                 |            |                      |                               |           |
| D           | I07-0081 | KR       | 2007-06-28 | dr                | D.LEGRAND     |                     | 2000-10-23 |                      | dwg no                        |           |
|             |          |          |            | enrg              | J.F.NOTTEAU   |                     | 2000-10-23 |                      | sheet 1 of 3                  |           |
|             |          |          |            | chr               | RAKHEE GEORGE |                     | 2007-06-28 |                      | 55355                         |           |
|             |          |          |            | appd              | RAKHEE GEORGE |                     | 2007-06-28 |                      | A3                            |           |
| sheet index |          | revision | D          | D                 | D             |                     |            |                      | type Product Customer Drawing |           |
|             |          | sheet    | 1          | 2                 | 3             |                     |            |                      |                               |           |



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PRODUCT NUMBER BPS8B21FLD-00--LF

WITH "LF" SUFFIX

LEAD FREE OR RoHS  
COMPATIBLE PRODUCT

| WIRE ACCOMODATION |           |                        |
|-------------------|-----------|------------------------|
| PRODUCT NUMBER    | WIRE SIZE | CONTACT IDENTIFICATION |
| BPS8B21FLD000--LF | AWG28/30  | 0                      |
| BPS8B21FLD200--LF | AWG24/26  | 2                      |

| CONTACT PLATING |                                |
|-----------------|--------------------------------|
| PLATING CODE    | PERFORMANCE LEVEL PER DIN41612 |
| Z0              | CLASS 3                        |
| Z1              | CLASS 2                        |
| E9              | CLASS 1                        |

## NOTES:-

1. THE "LF" PRODUCTS MEET EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008
2. LEAD FREE OR RoHS DIRECTIVE LABELING TO BE PROVIDED AS PER GS-14-920 FOR RoHS COMPATIBLE VERSION.

## PERFORMANCES CHARACTERISTICS

VOLTAGE RATING : 250 VAC (rms)  
CURRENT RATING : 1,5 A AT 25 °C, 1 A AT 70 °C.  
INSULATION RESISTANCE : 1000MΩINITIAL, 100MΩMIN. AFTER TEST  
DIELECTRIC WITH-  
STANDING VOLTAGE : 1000 VAC (rms).  
CONTACT RESISTANCE : 15 mΩMAX. INITIAL, 5mΩMAX. RISE OF INITIAL VALUE AFTER TEST.

OPERATING TEMPERATURE\*: -40 °C TO +125 °C.

INSERTION FORCE : 1 N MAX./CONTACT.

WITHDRAWAL FORCE : 0,2 N MIN./CONTACT.

\*DEPENDING ON THE CABLE, THE MAX. TEMPERATURE CAN BE LOWER.  
FOR STANDARD PVC INSULATED CABLE : 105 °C MAX.

## CONSTRUCTION

BODY MATERIAL : GLASS-REINFORCED THERMOPLASTIC (UL94V-0).

CONTACT MATERIAL : PHOSPHOR BRONZE.

CONTACT FINISH : Au OVER Ni IN CONTACT AREA

Sn (MATT TIN) ON I.D.C. TERMINAL

Z0 : PERFORMANCE LEVEL PER DIN41612 CLASS 3

Z1 : PERFORMANCE LEVEL PER DIN41612 CLASS 2

E9 : PERFORMANCE LEVEL PER DIN41612 CLASS 1

OTHERS : CONSULT FCI

## PART NUMBERS

BPS8B21FLD000--LF CONNECTOR FOR WIRE SIZE AWG28, AWG30.  
(CONTACT IDENTIFICATION : 0).

BPS8B21FLD200--LF CONNECTOR FOR WIRE SIZE AWG24, AWG26  
(CONTACT IDENTIFICATION : 2).

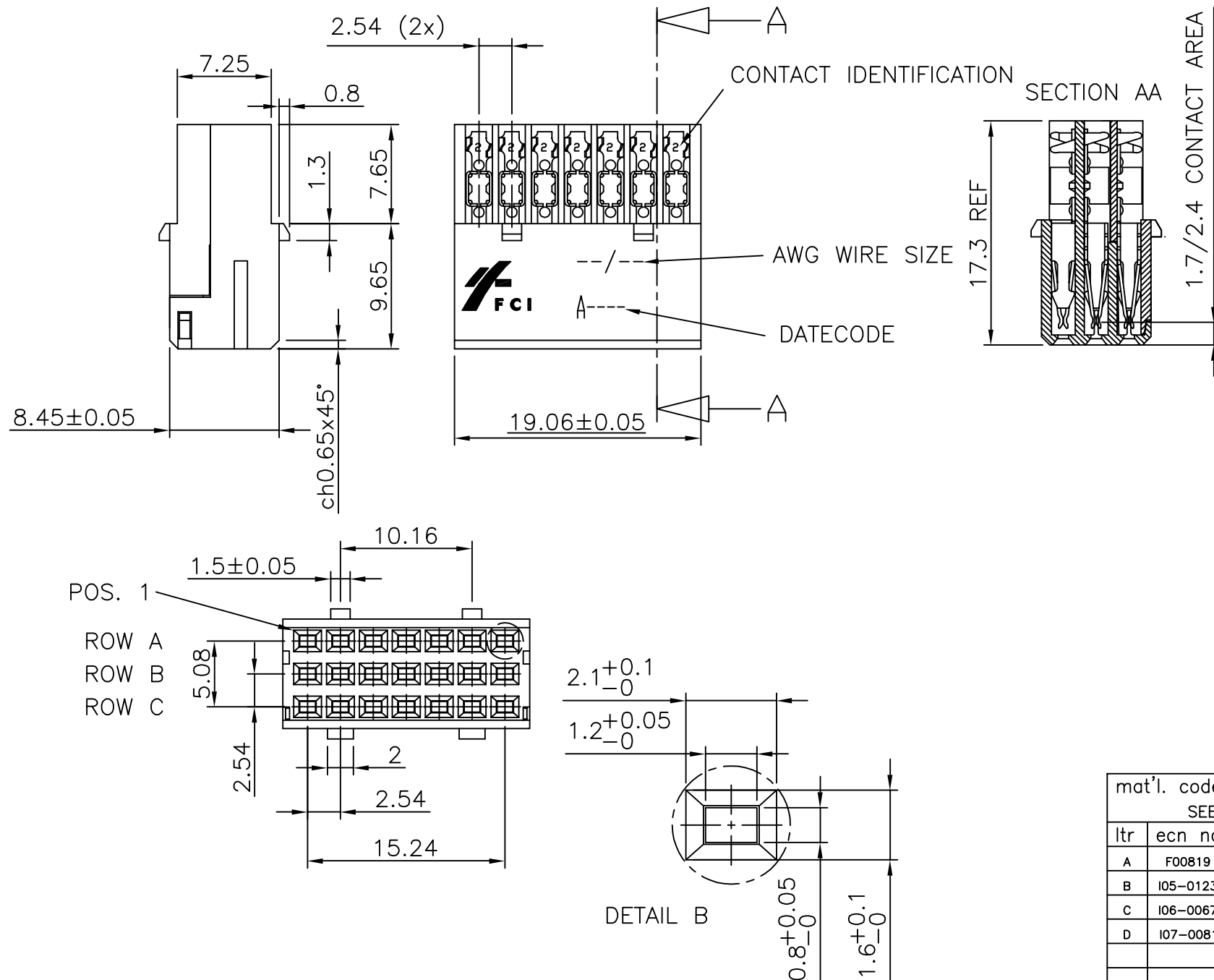
## AWG WIRE SIZE MARKING

BPS8B21FLD000--LF : 28/30

BPS8B21FLD200--LF : 24/26

## DATECODE MARKING

A + YEAR &amp; WEEKCODE, EXAMPLE : A9950.



|             |          |                |            |                                       |               |                  |            |            |                      |  |  |  |  |              |  |  |      |  |
|-------------|----------|----------------|------------|---------------------------------------|---------------|------------------|------------|------------|----------------------|--|--|--|--|--------------|--|--|------|--|
| mat'l. code |          |                |            | surface                               |               | tolerance        |            | projection | product family       |  |  |  |  |              |  |  |      |  |
| SEE NOTE    |          |                |            | ISO 1302                              |               | ISO 406 ISO 1101 |            |            | BPS8                 |  |  |  |  |              |  |  |      |  |
| ltr         | ecn no   | dr             | date       | tolerances unless otherwise specified |               |                  |            |            | title                |  |  |  |  |              |  |  |      |  |
| A           | F00819   | DLE            | 2000-10-19 | angles                                |               | 0.1±0.2          |            |            | ASSY BPS8            |  |  |  |  |              |  |  |      |  |
| B           | I05-0123 | MINI           | 2005-07-27 | linear                                |               | 0.01±0.1         |            |            | 21 POS. A,B,C LOADED |  |  |  |  |              |  |  |      |  |
| C           | I06-0067 | MINI           | 2006-06-01 | ±1'                                   |               |                  |            |            | scale -              |  |  |  |  |              |  |  |      |  |
| D           | I07-0081 | KR             | 2007-06-28 | dr                                    | D.LEGRAND     |                  | 2000-10-19 |            | dwg no               |  |  |  |  | sheet 2 of 3 |  |  | size |  |
|             |          |                |            | engr                                  | J.F.NOTTEAU   |                  | 2000-10-19 |            | 55355                |  |  |  |  | A3           |  |  |      |  |
|             |          |                |            | chr                                   | RAKHEE GEORGE |                  | 2007-06-28 |            |                      |  |  |  |  |              |  |  |      |  |
|             |          |                |            | appd                                  | RAKHEE GEORGE |                  | 2007-06-28 |            |                      |  |  |  |  |              |  |  |      |  |
| sheet index |          | revision sheet |            |                                       |               |                  |            |            |                      |  |  |  |  |              |  |  |      |  |
|             |          |                |            |                                       |               |                  |            |            |                      |  |  |  |  |              |  |  |      |  |



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form: A3

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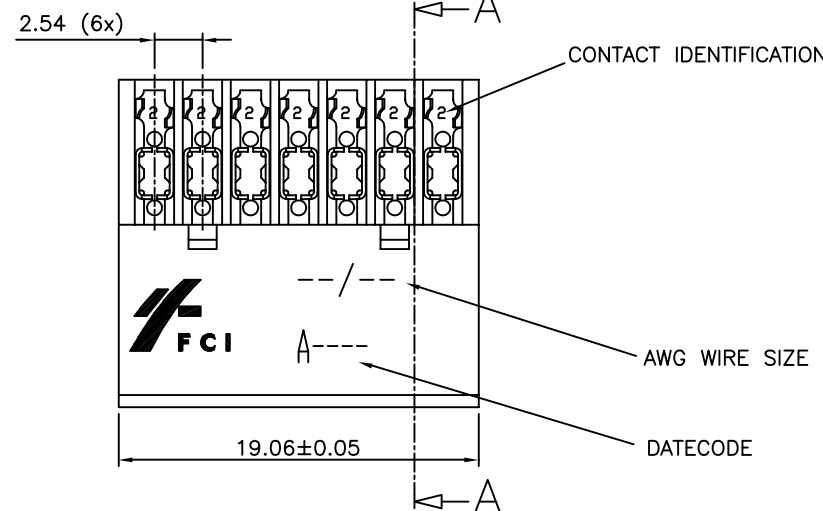
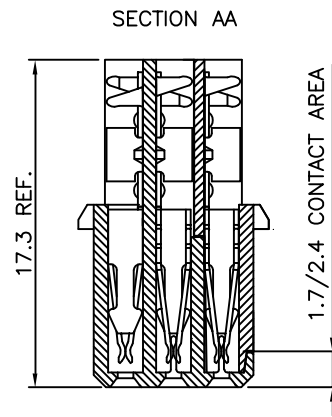
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NOTES:-

1. THE "LF" PRODUCTS MEET EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008
2. LEAD FREE OR RoHS DIRECTIVE LABELING TO BE PROVIDED AS PER GS-14-920 FOR RoHS COMPATIBLE VERSION.

PRODUCT NUMBER BPS8B21FLD-M0--LF

WITH "LF" SUFFIX LEAD FREE OR RoHS COMPATIBLE PRODUCT

| WIRE ACCOMODATION |           |                        |
|-------------------|-----------|------------------------|
| PRODUCT NUMBER    | WIRE SIZE | CONTACT IDENTIFICATION |
| BPS8B21FLD0M0--LF | AWG28/30  | 0                      |
| BPS8B21FLD2M0--LF | AWG24/26  | 2                      |

| CONTACT PLATING |                                |
|-----------------|--------------------------------|
| PLATING CODE    | PERFORMANCE LEVEL PER DIN41612 |
| Z0              | CLASS 3                        |
| Z1              | CLASS 2                        |
| E9              | CLASS 1                        |

PERFORMANCES CHARACTERISTICS

VOLTAGE RATING : 250 VAC (rms)  
CURRENT RATING : 1,5 A AT 25 °C, 1 A AT 70 °C.  
INSULATION RESISTANCE : 1000MΩINITIAL, 100MΩMIN. AFTER TEST  
DIELECTRIC WITHSTANDING VOLTAGE : 1000 VAC (rms).  
CONTACT RESISTANCE : 15mΩMAX. INITIAL, 5mΩMAX. RISE OF INITIAL VALUE AFTER TEST.  
OPERATING TEMPERATURE\*: -40 °C TO +125 °C.  
INSERTION FORCE : 1 N MAX./CONTACT.  
WITHDRAWAL FORCE : 0,2 N MIN./CONTACT.

\*DEPENDING ON THE CABLE, THE MAX. TEMPERATURE CAN BE LOWER.  
FOR STANDARD PVC INSULATED CABLE : 105 °C MAX.

CONSTRUCTION

BODY MATERIAL : GLASS-REINFORCED THERMOPLASTIC (UL94V-0).  
COVER MATERIAL : Ni PLATED ABS MATERIAL  
CONTACT MATERIAL : PHOSPHOR BRONZE.  
CONTACT FINISH : Au OVER Ni IN CONTACT AREA  
Sn (MATT TIN) ON I.D.C. TERMINAL  
Z0 : PERFORMANCE LEVEL PER DIN41612 CLASS 3  
Z1 : PERFORMANCE LEVEL PER DIN41612 CLASS 2  
E9 : PERFORMANCE LEVEL PER DIN41612 CLASS 1  
OTHERS : CONSULT FCI  
TIE-WRAP : OPTIONAL (PART N°. TF3)

PART NUMBERS

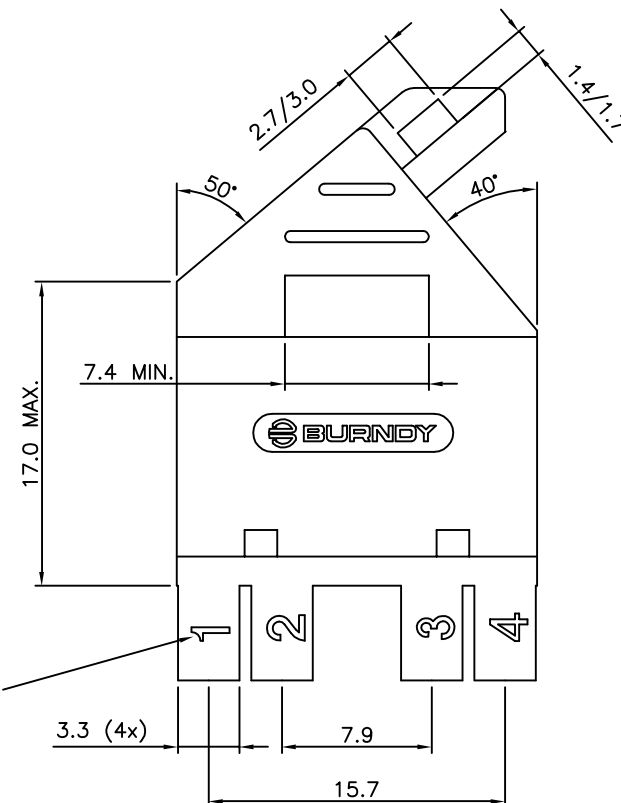
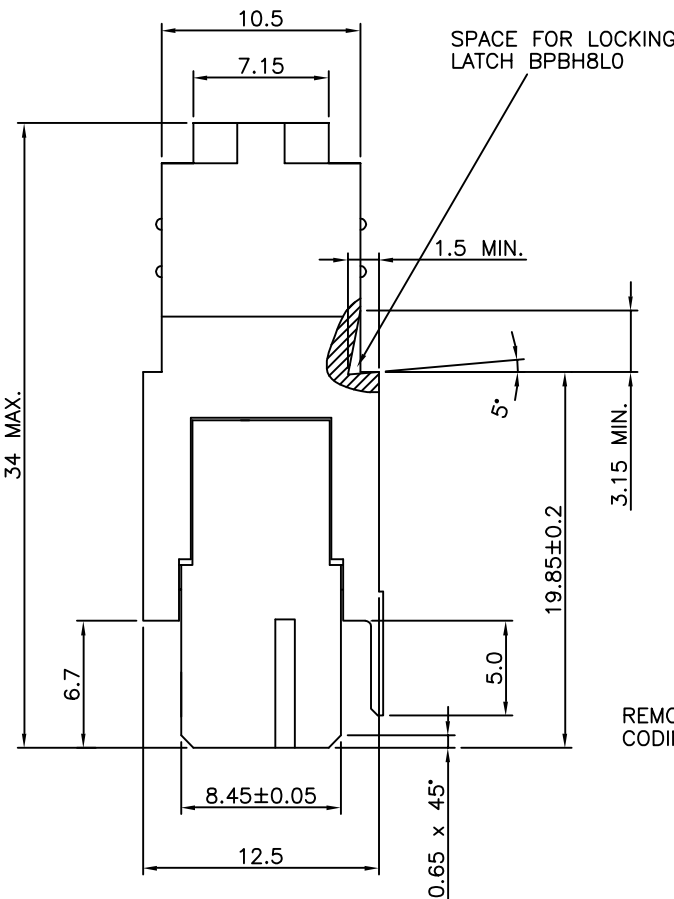
BPS8B21FLD0M0--LF CONNECTOR FOR WIRE SIZE AWG28, AWG30.  
(CONTACT IDENTIFICATION : 0).  
BPS8B21FLD2M0--LF CONNECTOR FOR WIRE SIZE AWG24, AWG26  
(CONTACT IDENTIFICATION : 2).

AWG WIRE SIZE MARKING

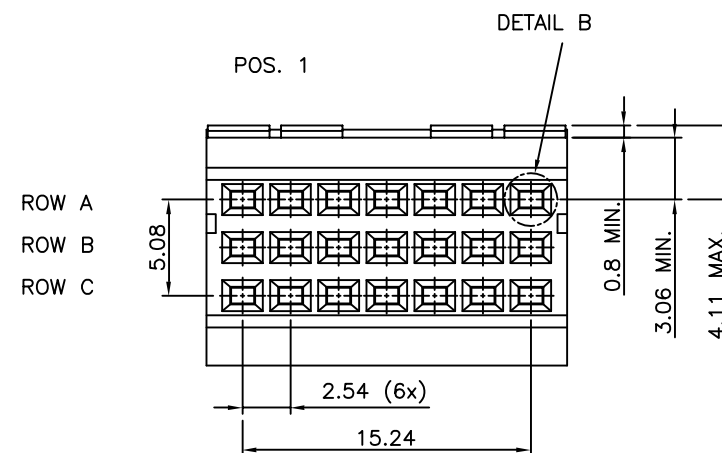
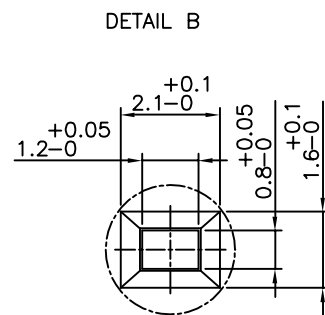
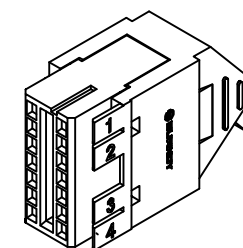
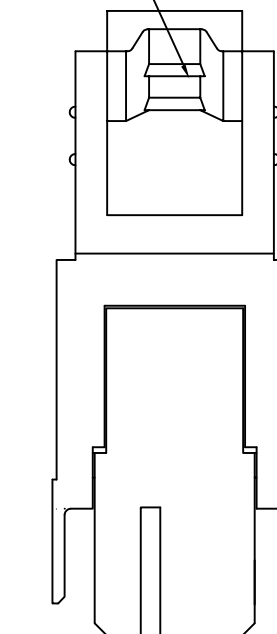
BPS8B21FLD0M0--LF : 28/30.  
BPS8B21FLD2M0--LF : 24/26.

DATECODE MARKING

A + YEAR & WEEKCODE, EXAMPLE : A9950.



CABLE Ø 7.0 MAX.



|             |          |          |            |                   |               |                     |            |            |  |                                                |        |  |  |  |  |              |  |  |      |  |
|-------------|----------|----------|------------|-------------------|---------------|---------------------|------------|------------|--|------------------------------------------------|--------|--|--|--|--|--------------|--|--|------|--|
| mat'l. code |          |          |            | surface           |               | tolerance           |            | projection |  | product family                                 |        |  |  |  |  |              |  |  |      |  |
| SEE NOTE    |          |          |            | ISO 1302          |               | ISO 406 ISO 1101    |            |            |  | BPS8                                           |        |  |  |  |  |              |  |  |      |  |
| ltr         | ecn no   | dr       | date       | tolerances unless |               | otherwise specified |            |            |  | title<br><br>ASSY BPS8<br>21 POS. A,B,C LOADED |        |  |  |  |  |              |  |  |      |  |
| A           | F00819   | DLE      | 2000-10-23 | angles            | linear        | 0.1±0.2             |            | mm         |  |                                                |        |  |  |  |  |              |  |  |      |  |
| B           | I05-0123 | MINI     | 2005-07-27 |                   |               | 0.01±0.1            |            |            |  |                                                |        |  |  |  |  |              |  |  |      |  |
| C           | I06-0067 | MINI     | 2006-06-01 |                   |               | ±1°                 |            | scale -    |  |                                                |        |  |  |  |  |              |  |  |      |  |
| D           | I07-0081 | KR       | 2007-06-28 | dr                | D.LEGRAND     |                     | 2000-10-23 |            |  |                                                | dwg no |  |  |  |  | sheet 3 of 3 |  |  | size |  |
|             |          |          |            | engr              | J.F.NOTTEAU   |                     | 2000-10-23 |            |  |                                                | 55355  |  |  |  |  | A3           |  |  |      |  |
|             |          |          |            | chr               | RAKHEE GEORGE |                     | 2007-06-28 |            |  |                                                |        |  |  |  |  |              |  |  |      |  |
|             |          |          |            | appd              | RAKHEE GEORGE |                     | 2007-06-28 |            |  |                                                |        |  |  |  |  |              |  |  |      |  |
| sheet index |          | revision |            |                   |               |                     |            |            |  | type Product Customer Drawing                  |        |  |  |  |  |              |  |  |      |  |
| sheet       |          |          |            |                   |               |                     |            |            |  |                                                |        |  |  |  |  |              |  |  |      |  |

## Данный компонент на территории Российской Федерации

**Вы можете приобрести в компании MosChip.**

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

### Офис по работе с юридическими лицами:

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