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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	ISO 1101		BPS8		
ltr	ecn no	dr	date	tolerances unless otherwise specified				mm	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°				scale	—		
D	I07-0081	KR	2007-06-28	dr	D.LEGRAND	2000-10-23		FCI	dwg no		sheet 1 of 3
				enr	J.F.NOTTEAU	2000-10-23			55355		size A3
				chr	RAKHEE GEORGE	2007-06-28					
				appd	RAKHEE GEORGE	2007-06-28			type Product Customer Drawing		
sheet index	revision	D	D	D							
	sheet	1	2	3							

PDM: Rev:D

STATUS: Released

Printed: May 14, 2011



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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:-

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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).

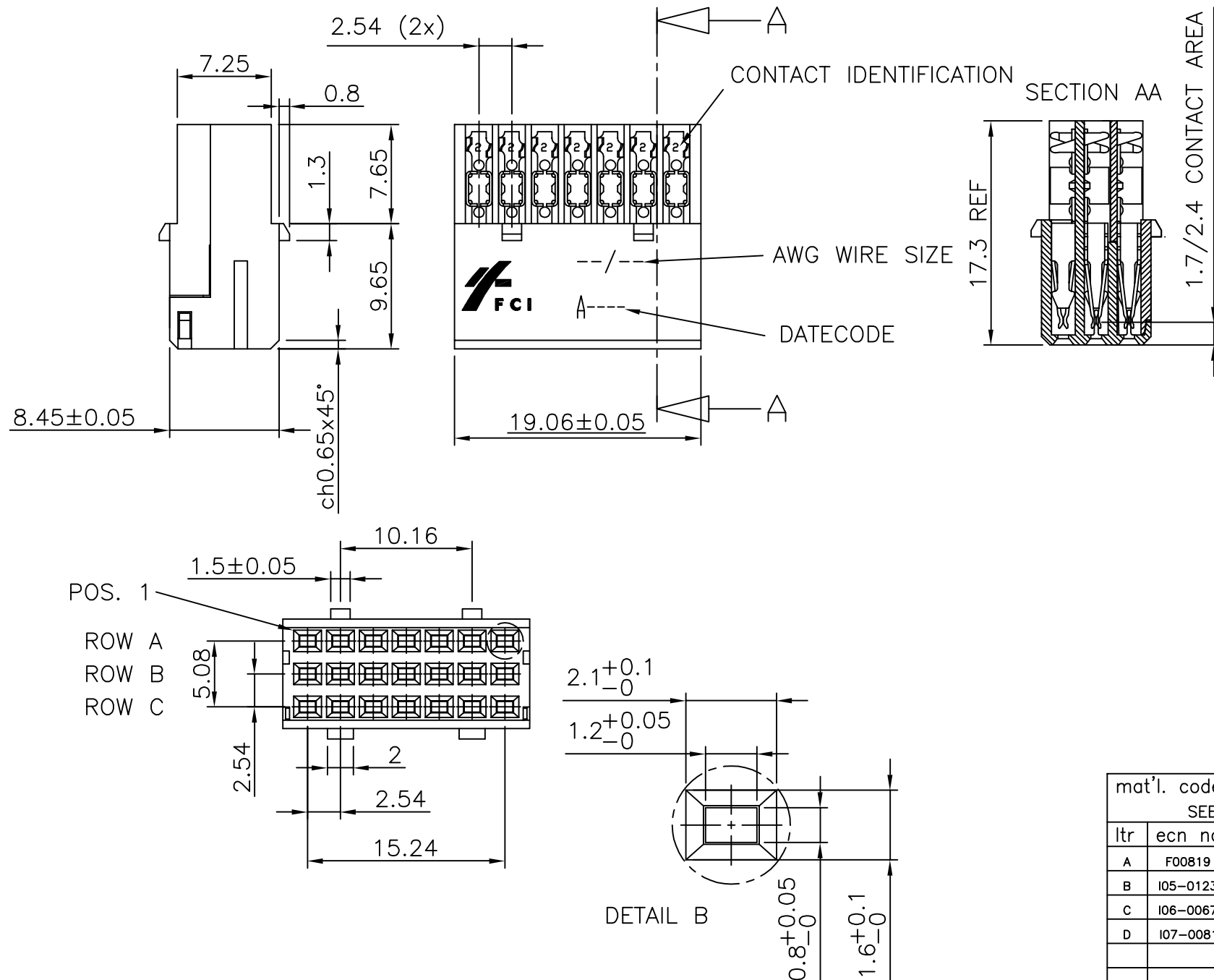
AWG WIRE SIZE MARKING

BPS8B21FLD000--LF : 28/30

BPS8B21FLD200--LF : 24/26

DATECODE MARKING

A + YEAR & WEEKCODE, EXAMPLE : A9950.



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form: A3

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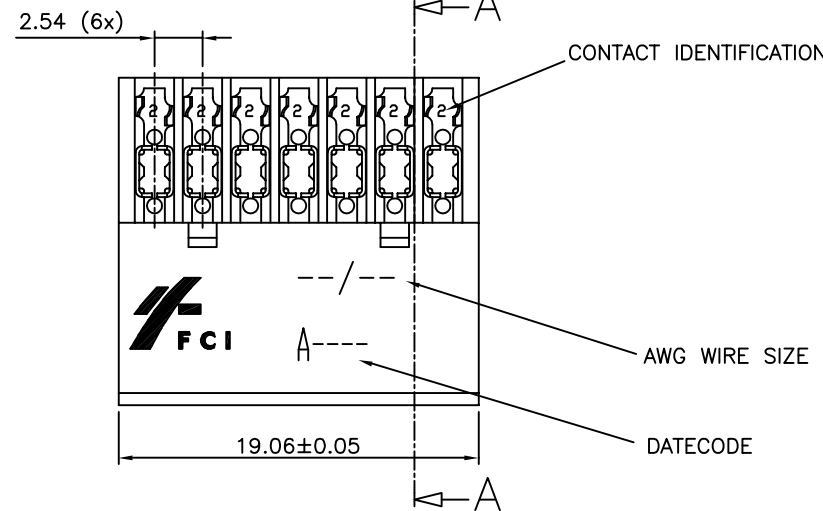
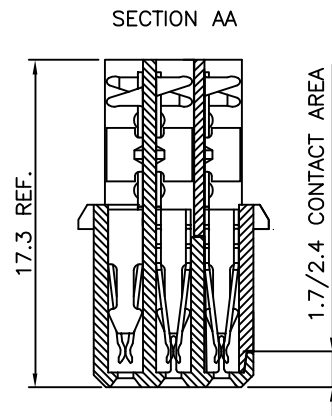
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2. LEAD FREE OR RoHS DIRECTIVE LABELING TO BE PROVIDED AS PER GS-14-920 FOR RoHS COMPATIBLE VERSION.

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.
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DIELECTRIC WITHSTANDING VOLTAGE : 1000 VAC (rms).
CONTACT RESISTANCE : 15mΩMAX. INITIAL, 5mΩMAX. RISE OF INITIAL VALUE AFTER TEST.
OPERATING TEMPERATURE*: -40 °C TO +125 °C.
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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

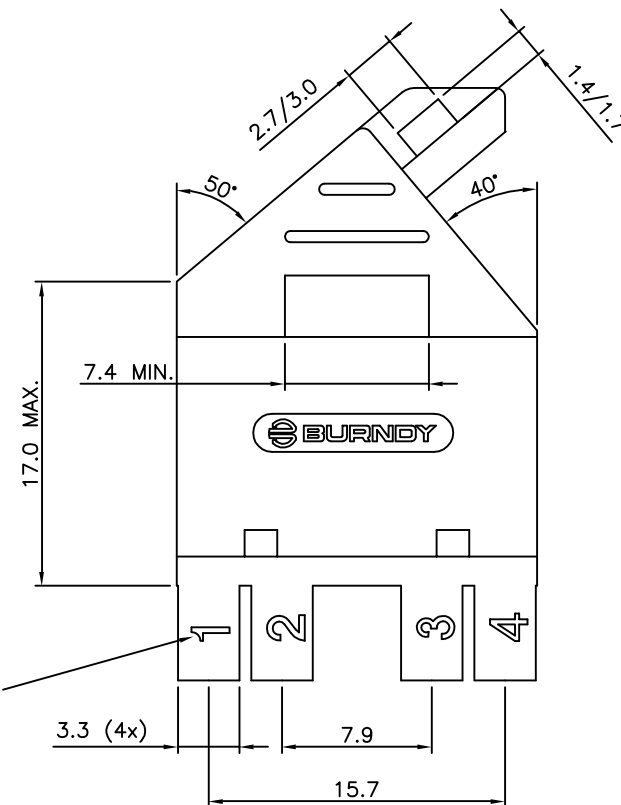
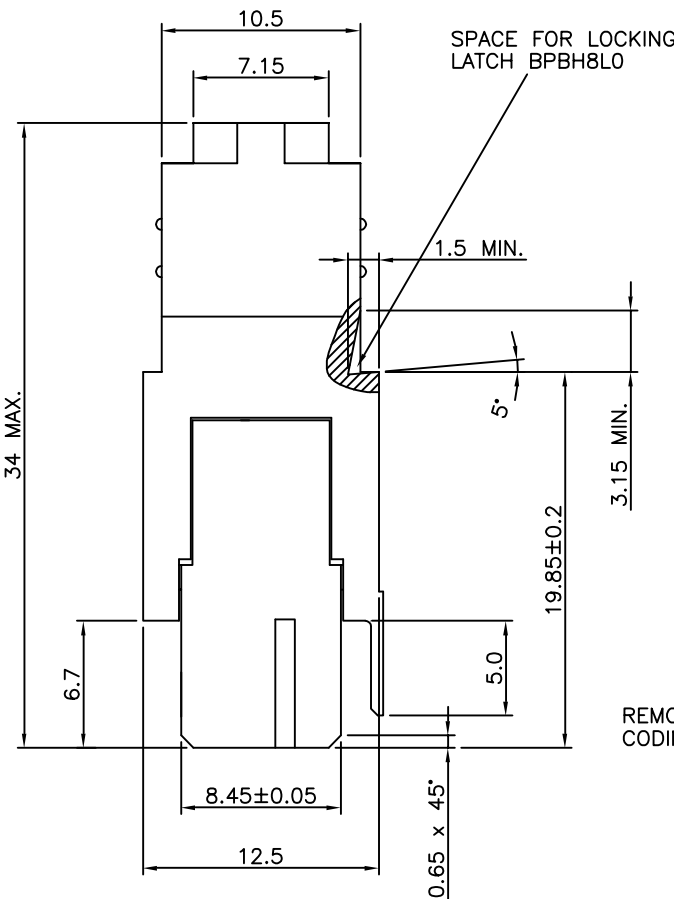
BPS8B21FLD0M0--LF CONNECTOR FOR WIRE SIZE AWG28, AWG30.
(CONTACT IDENTIFICATION : 0).
BPS8B21FLD2M0--LF CONNECTOR FOR WIRE SIZE AWG24, AWG26
(CONTACT IDENTIFICATION : 2).

AWG WIRE SIZE MARKING

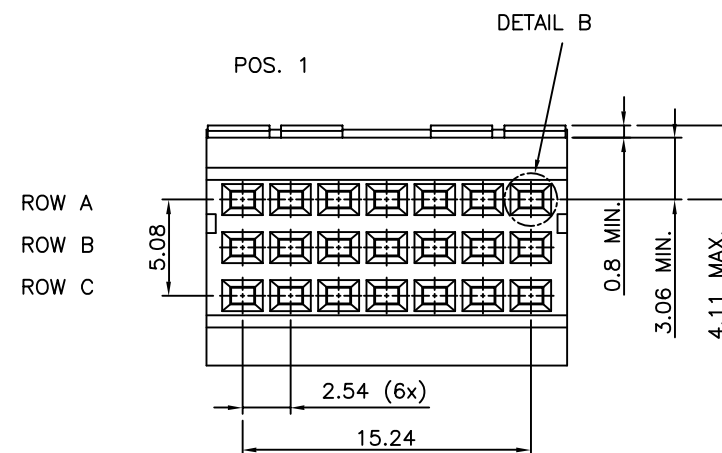
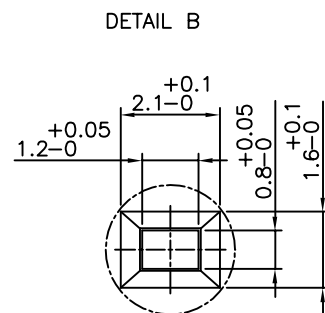
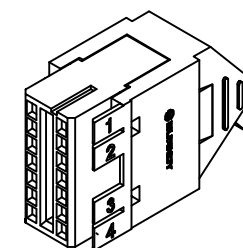
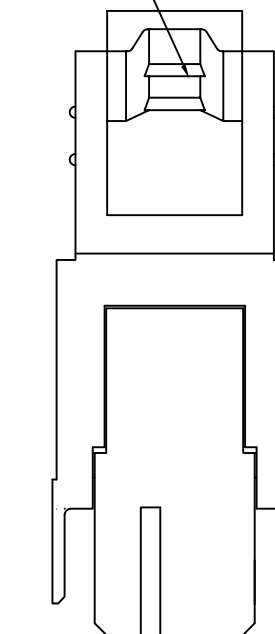
BPS8B21FLD0M0--LF : 28/30.
BPS8B21FLD2M0--LF : 24/26.

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	
A	F00819	DLE	2000-10-23	angles	linear	0.1±0.2				
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	
				engr	J.F.NOTTEAU		2000-10-23		sheet 3 of 3	
				chr	RAKHEE GEORGE		2007-06-28		55355	
				appd	RAKHEE GEORGE		2007-06-28		A3	
sheet index		revision							type	
sheet									Product Customer Drawing	

PDM: Rev:D

STATUS: Released

Printed: May 14, 2011

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:

105318, г.Москва, ул.Щербаковская д.3, офис 1107, 1118, ДЦ «Щербаковский»

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