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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.

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.

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

PRODUCT NUMBER BPS8B21FLD-C0---LF

WITH "LF" SUFFIX LEAD FREE OR RoHS COMPATIBLE PRODUCT



mat'l. code				surface		tolerance		projection		product family	
SEE NOTE				ISO 1302		ISO 406		ISO 1101		BPS8	
				tolerances unless otherwise specified						title	
				angles		linear				mm	
						±1°				scale -	
				dr		D.LEGRAND		2000-10-23		dwg no	
						enr		J.F.NOTTEAU		2000-10-23	
						chr		RAKHEE GEORGE		2007-06-28	
						appd		RAKHEE GEORGE		2007-06-28	
sheet index		revision		D	D	D	D	D	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).

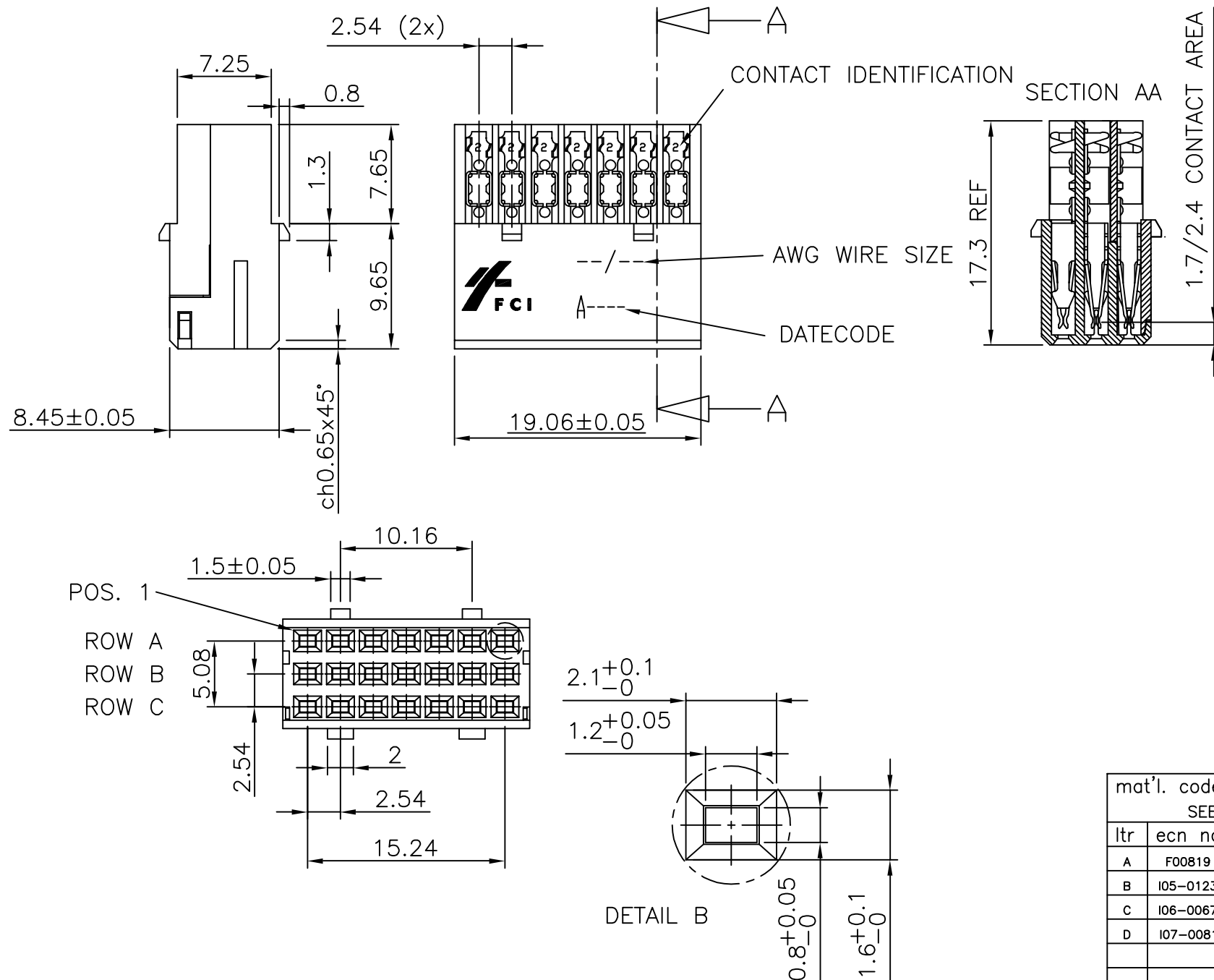
AWG WIRE SIZE MARKING

BPS8B21FLD000--LF : 28/30

BPS8B21FLD200--LF : 24/26

DATECODE MARKING

A + YEAR & WEEKCODE, EXAMPLE : A9950.



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		angleslinear				title ASSY BPS8 21 POS. A,B,C LOADED									
A	F00819	DLE	2000-10-19					0.1±0.2											
B	I05-0123	MINI	2005-07-27					0.01±0.1											
C	I06-0067	MINI	2006-06-01	±1°															
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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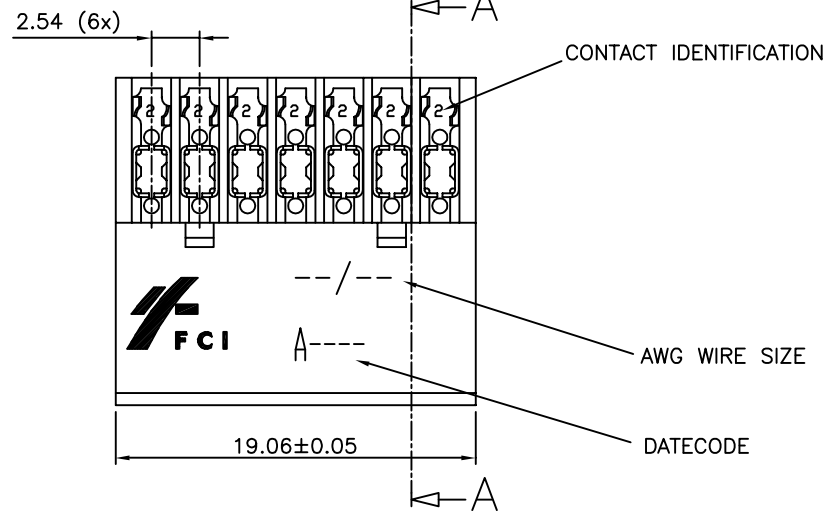
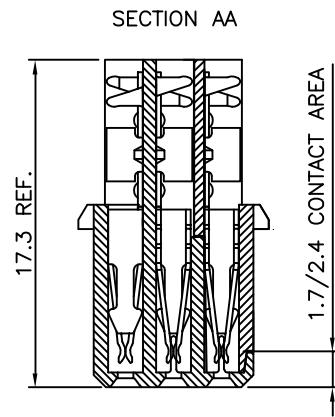
2

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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

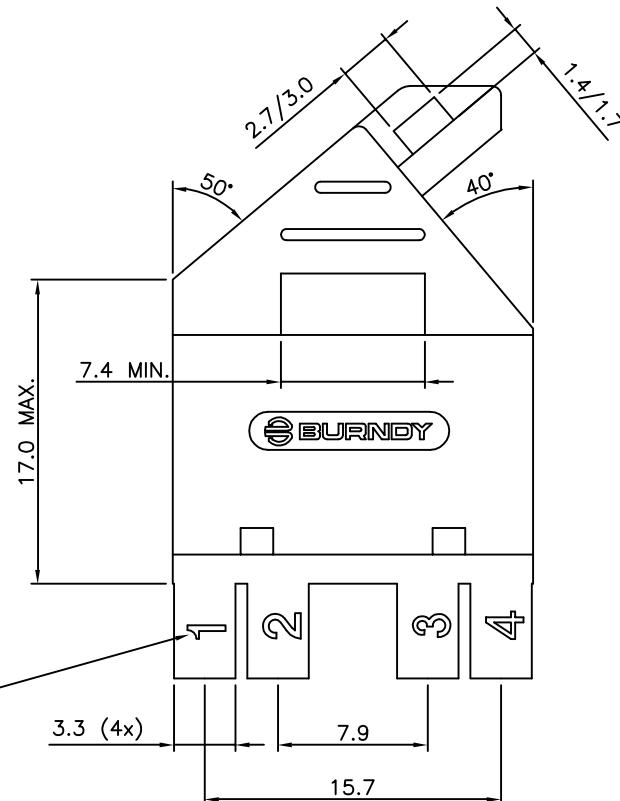
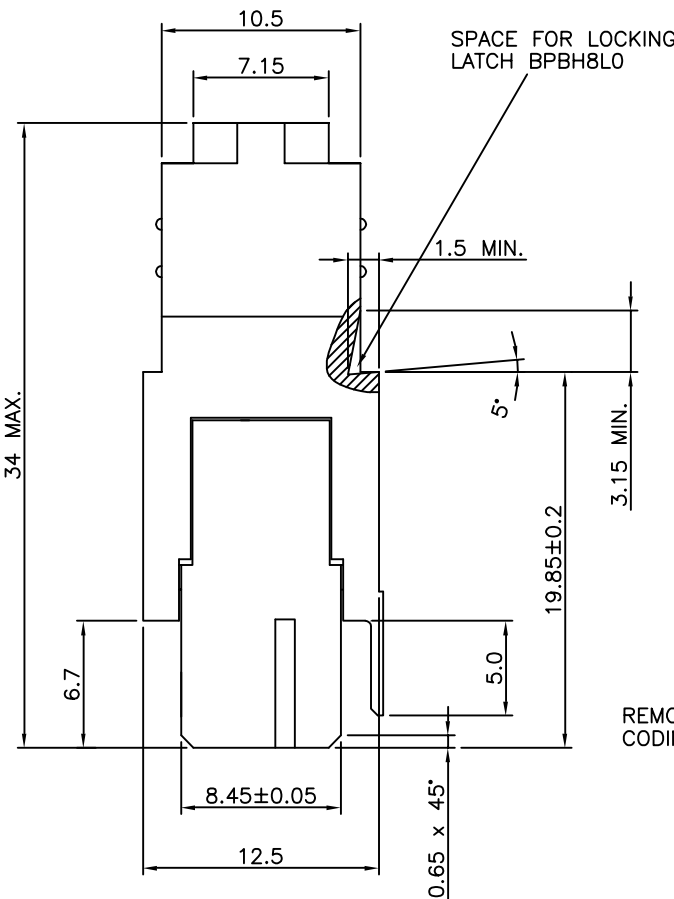
BPS8B21FLD0M0--LF CONNECTOR FOR WIRE SIZE AWG28, AWG30.
(CONTACT IDENTIFICATION : 0).
BPS8B21FLD2M0--LF CONNECTOR FOR WIRE SIZE AWG24, AWG26
(CONTACT IDENTIFICATION : 2).

AWG WIRE SIZE MARKING

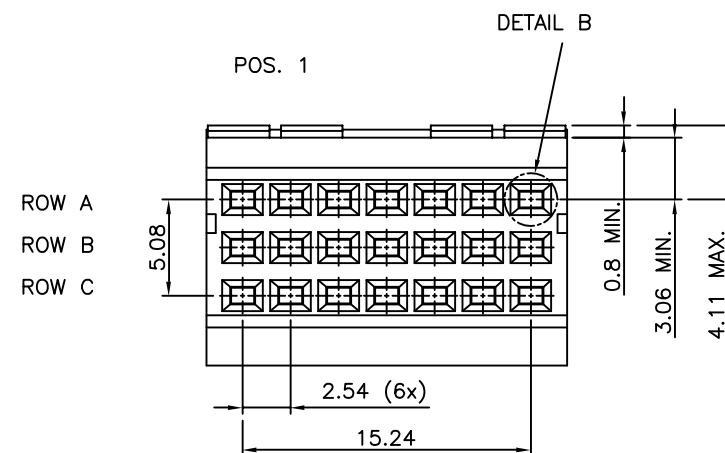
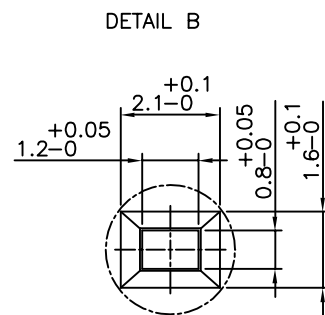
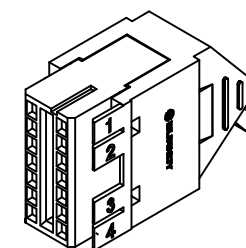
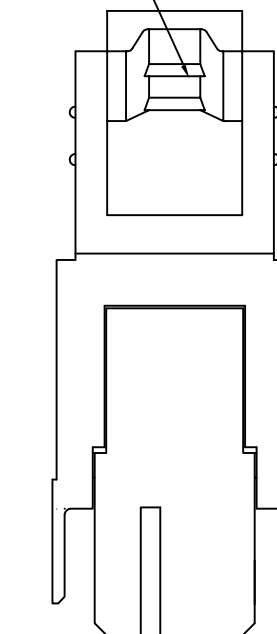
BPS8B21FLD0M0--LF : 28/30.
BPS8B21FLD2M0--LF : 24/26.

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	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		
				enr	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 sheet							type Product Customer Drawing		

PDM: Rev:D

STATUS: Released

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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

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moschip.ru_9