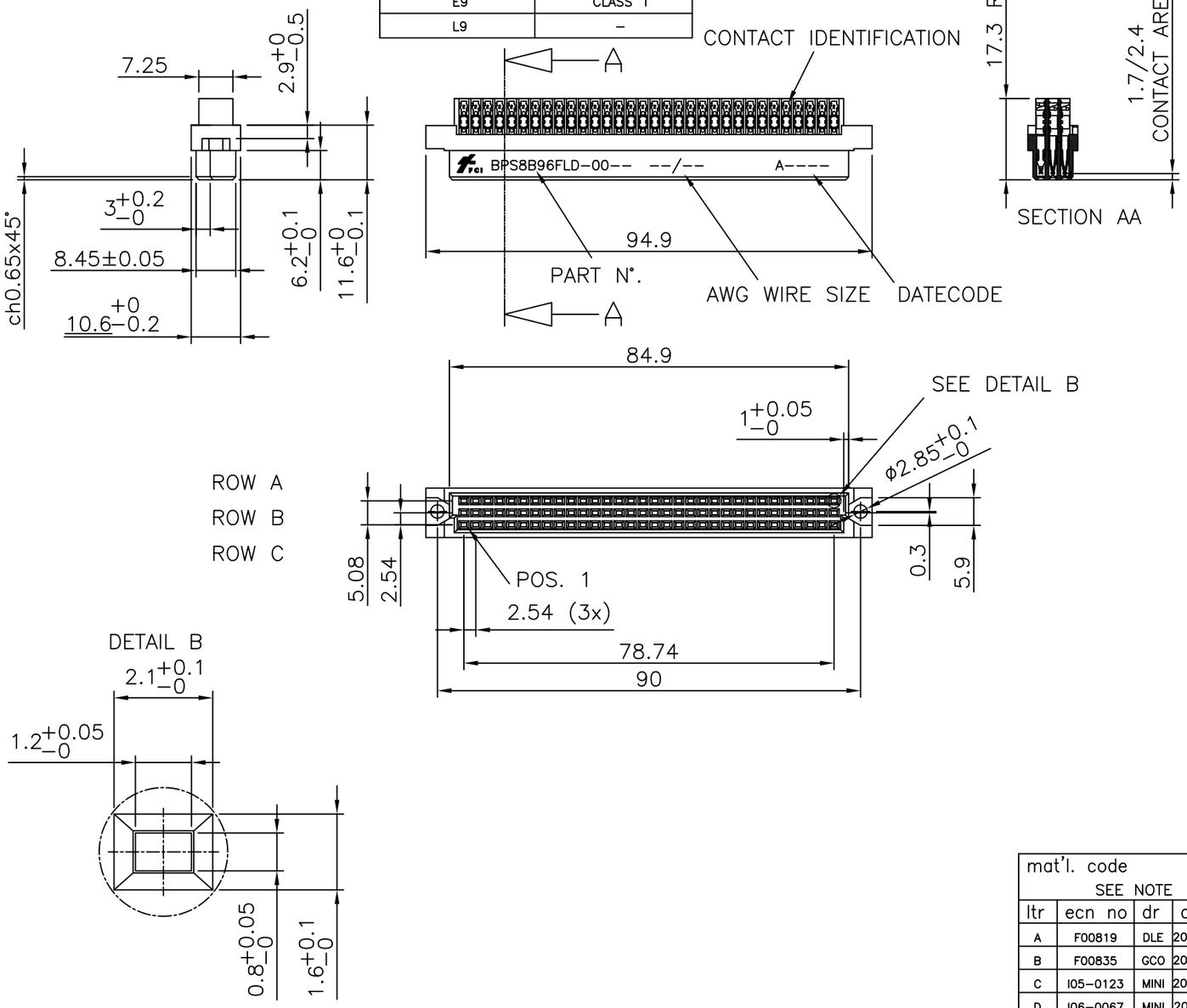
PRODUCT NUMBER	BPS8B96FLD–00––––

WITH "LF" SUFFIX	LEAD FREE OR RoHS COMPATIBLE PRODUCT
WITHOUT SUFFIX	LEADED PRODUCT

WIRE ACCOMODATION		
PRODUCT NUMBER	WIRE SIZE	CONTACT IDENTIFICATION
BPS8B96FLD000––	AWG28/30	0
BPS8B96FLD200––	AWG24/26	2

CONTACT PLATING	
PLATING CODE	PERFORMANCE LEVEL PER DIN41612
Z0	CLASS 3
Z1	CLASS 2
E9	CLASS 1
L9	–



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) OF INITIAL VALUE AFTER TEST.
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
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
SnPb ON I.D.C. TERMINAL FOR LEADED PRODUCTS.
Sn (MATTE TIN) ON I.D.C. TERMINAL FOR LEAD FREE PRODUCTS.

Z0 : PERFORMANCE LEVEL PER DIN41612 CLASS 3
Z1 : PERFORMANCE LEVEL PER DIN41612 CLASS 2
E9 : PERFORMANCE LEVEL PER DIN41612 CLASS 1
L9 : 1.25 µm Au OVER NI

PART NUMBERS

BPS8B96FLD000–––– CONNECTOR FOR WIRE SIZE AWG28, AWG30. (CONTACT IDENTIFICATION : 0).

BPS8B96FLD200–––– CONNECTOR FOR WIRE SIZE AWG24, AWG26 (CONTACT IDENTIFICATION : 2).

AWG WIRE SIZE MARKING

BPS8B96FLD000–– : 28/30.
BPS8B96FLD000––LF : 28/30.
BPS8B96FLD200–– : 24/26.
BPS8B96FLD200––LF : 24/26.

DATECODE MARKING

A + YEAR & WEEKCODE, EXAMPLE : A9950.

ltr	ecn no	dr	date
A	F00819	DLE	2000–10–19
B	F00835	GCO	2000–11–09
C	I05–0123	MINI	2005–07–27
D	I06–0067	MINI	2006–06–01
E	ELX–I–24377	MJA	2016–06–24
F	ELX–I–25060	MJA	2016–09–28

dr	D.LEGRAND	2000–10–19
engr	J.F.NOTTEAU	2000–10–19
chr	M JACOB	2016–09–28
appd	BIJU K PAUL	2016–09–28

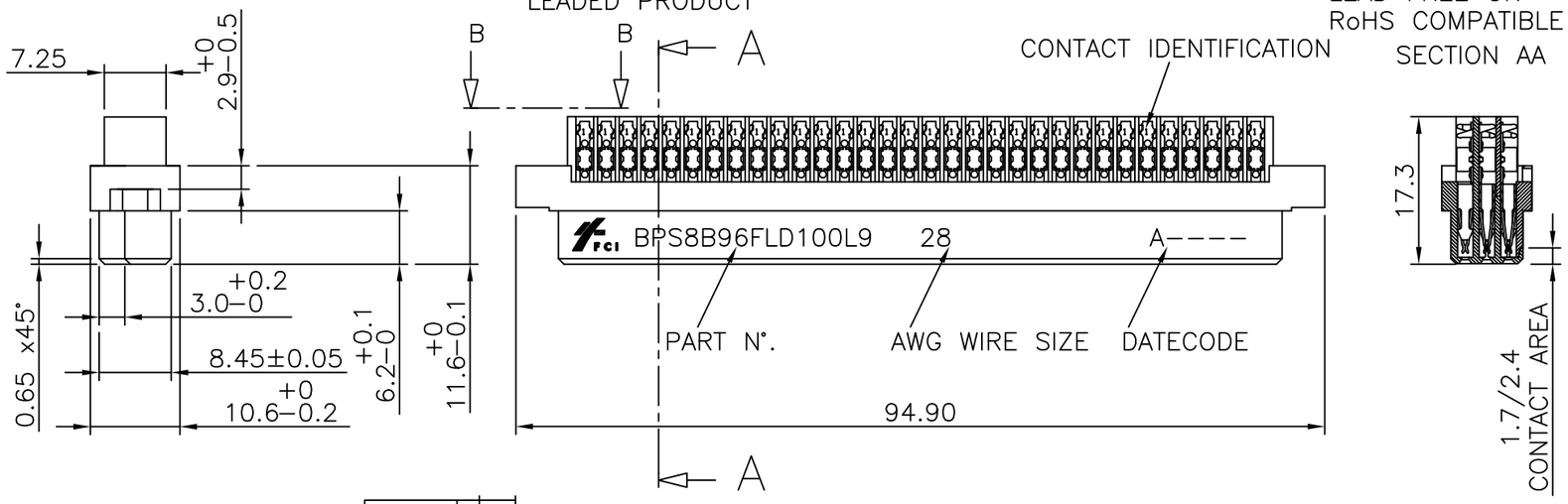
sheet index	revision									
	sheet	1	2	3	4	5				

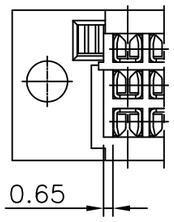
mat'l. code: SEE NOTE
surface: ISO 1302
tolerance: ISO 406 ISO 1101
tolerances unless otherwise specified: angles ±1°; linear 0.1±0.2, 0.01±0.1
projection
mm
scale –
product family: BPS8
title: ASSY BPS8 96 POS. A,B,C LOADED
dwg no 55365
sheet 1 of 5
size A3
type Product Customer Drawing

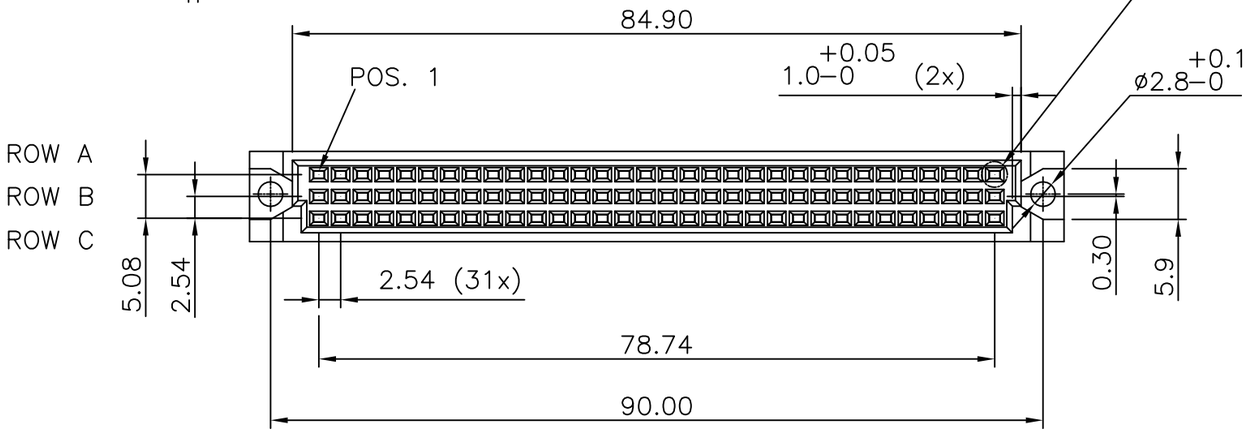
Copyright FCI
FCIconnect.com
form: A3

PRODUCT NUMBER | BPS8B96FLD100L9 → LEADED PRODUCT

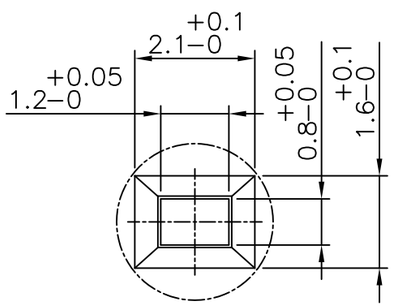
PRODUCT NUMBER | BPS8B96FLD100L9LF → LEAD FREE OR RoHS COMPATIBLE







DETAIL B



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).
CONTACT MATERIAL : PHOSPHOR BRONZE.
CONTACT FINISH : 1.25 µm Au MIN. OVER 2 µm Ni MIN. IN CONTACT AREA
SnPb ON I.D.C. TERMINAL FOR LEADED PRODUCTS.
Sn (MATTE TIN) ON I.D.C. TERMINAL FOR LEAD FREE PRODUCTS.
CABLE : 3M FLEXIBLE TWISTED PAIR CABLE (WIRES & CABLE) TYPE 3782 PER UL STYLE/20488 OR TYPE 3783 PER UL STYLE/2935.

PART NUMBERS

BPS8B96FLD100L9–– CONNECTOR FOR WIRE SIZE AWG28 (CONTACT IDENTIFICATION : 1).

AWG WIRE SIZE MARKING

BPS8B96FLD100L9 : 28.
BPS8B96FLD100L9LF : 28.

DATECODE MARKING

A + YEAR & WEEKCODE, EXAMPLE : A9950.

mat'l. code: SEE NOTE				surface: ISO 1302		tolerance: ISO 406 ISO 1101		projection	product family: BPS8		
ltr	ecn no	dr	date	tolerances unless otherwise specified					title: ASSY BPS8 96 POS. A,B,C LOADED		
D				angles	linear	0.1±0.01		mm			
						0.01±0.05					
				±0°30'				scale –			
				dr	D.LEGRAND	2000–10–20			dwg no: 55365	sheet 2 of 5	size: A3
				engr	J.F.NOTTEAU	2000–10–20					
				chr	RAKHEE GEORGE	2006–06–01					
				appd	RAKHEE GEORGE	2006–06–01			type: Product Customer Drawing		
sheet index	revision sheet										

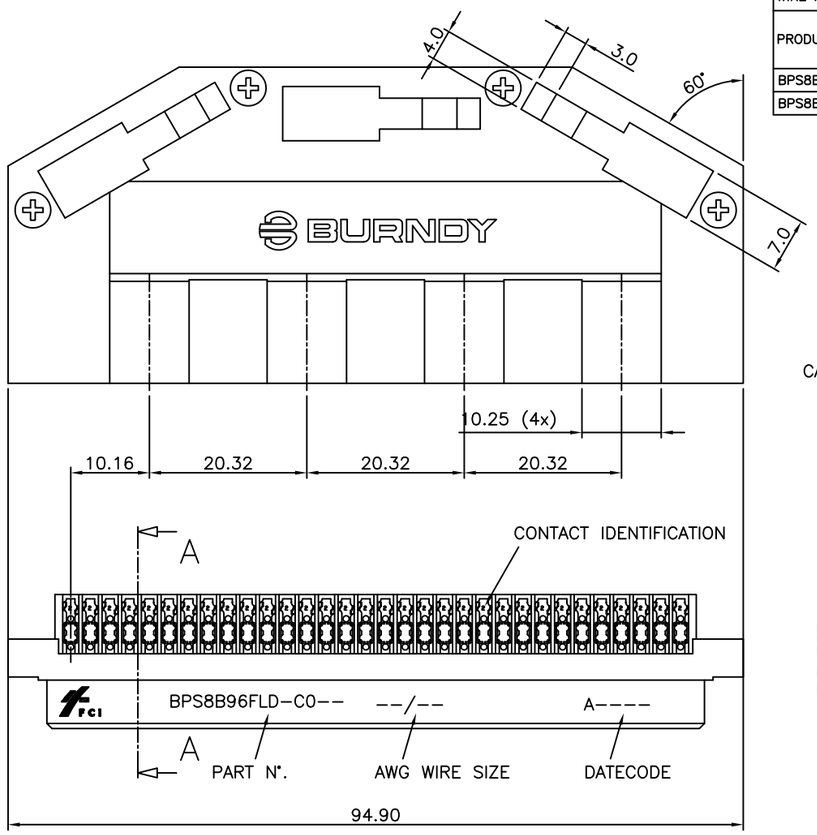
FCIconnect.com
Copyright FCI

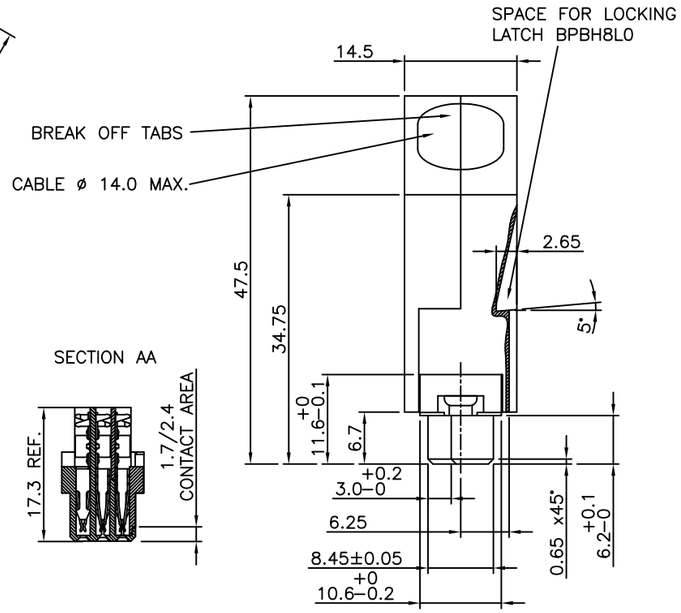
PRODUCT NUMBER	BPS8B96FLD-C0----

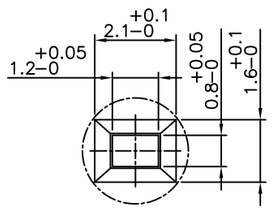
WITH "LF" SUFFIX	LEAD FREE OR RoHS COMPATIBLE PRODUCT
WITHOUT SUFFIX	LEADED PRODUCT

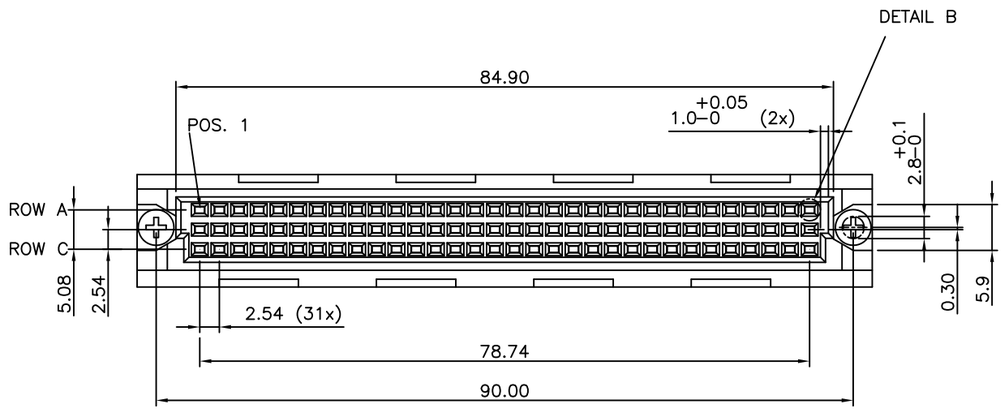
WIRE ACCOMODATION		
PRODUCT NUMBER	WIRE SIZE	CONTACT IDENTIFICATION
BPS8B96FLD0C0--	AWG28/30	0
BPS8B96FLD2C0--	AWG24/26	2

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 : 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 : POLYPHENYLENE (PPO), COLOUR : BLACK.
CONTACT MATERIAL : PHOSPHOR BRONZE.
CONTACT FINISH : Au OVER Ni IN CONTACT AREA
SnPb ON I.D.C. TERMINAL FOR LEADED PRODUCTS.
Sn (MATTE TIN) ON I.D.C. TERMINAL FOR LEAD FREE PRODUCTS.
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°. TF4)

PART NUMBERS

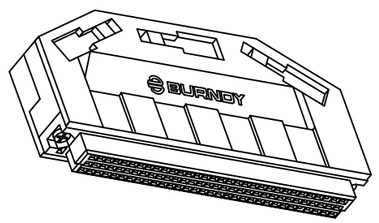
BPS8B96FLD0C0----CONNECTOR FOR WIRE SIZE AWG28, AWG30.
(CONTACT IDENTIFICATION : 0).
BPS8B96FLD2C0----CONNECTOR FOR WIRE SIZE AWG24, AWG26
(CONTACT IDENTIFICATION : 2).

AWG WIRE SIZE MARKING

BPS8B96FLD0C0-- : 28/30.
BPS8B96FLD0C0--LF : 28/30.
BPS8B96FLD2C0-- : 24/26.
BPS8B96FLD2C0--LF : 24/26.

DATECODE MARKING

A + YEAR & WEEKCODE, EXAMPLE : A9950.



mat'l. code	surface	tolerance	projection	product family
SEE NOTES	ISO 1302	ISO 406 ISO 1101		BPS8

ltr	ecn no	dr	date
D			

tolerances unless otherwise specified
angles ±1°
linear 0.1±0.2, 0.01±0.1
mm
scale –

dr	D.LEGRAND	2000-10-23
engr	J.F.NOTTEAU	2000-10-23
chr	RAKHEE GEORGE	2006-06-01
appd	RAKHEE GEORGE	2006-06-01

title: ASSY BPS8 96 POS. A,B,C LOADED
dwg no 55365 | sheet 3 of 5 | size A3
type Product Customer Drawing
sheet index | revision sheet

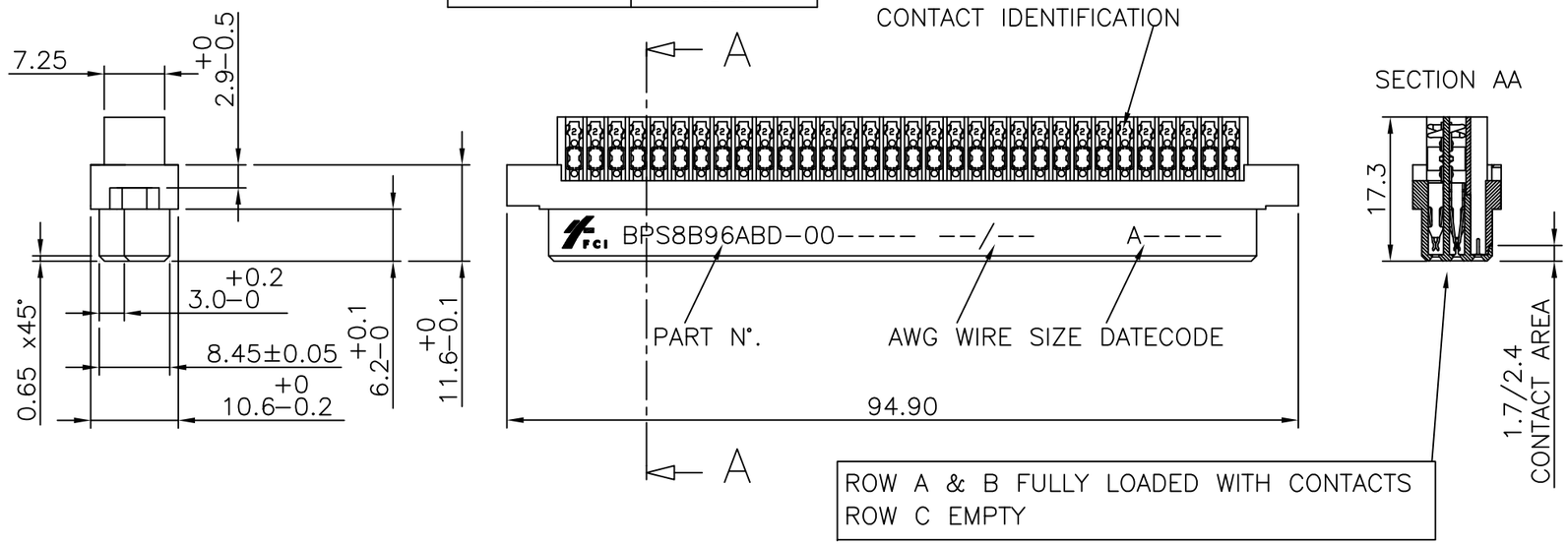
FCIconnect.com
Copyright FCI

PRODUCT NUMBER	BPS8B96ABD–00––––

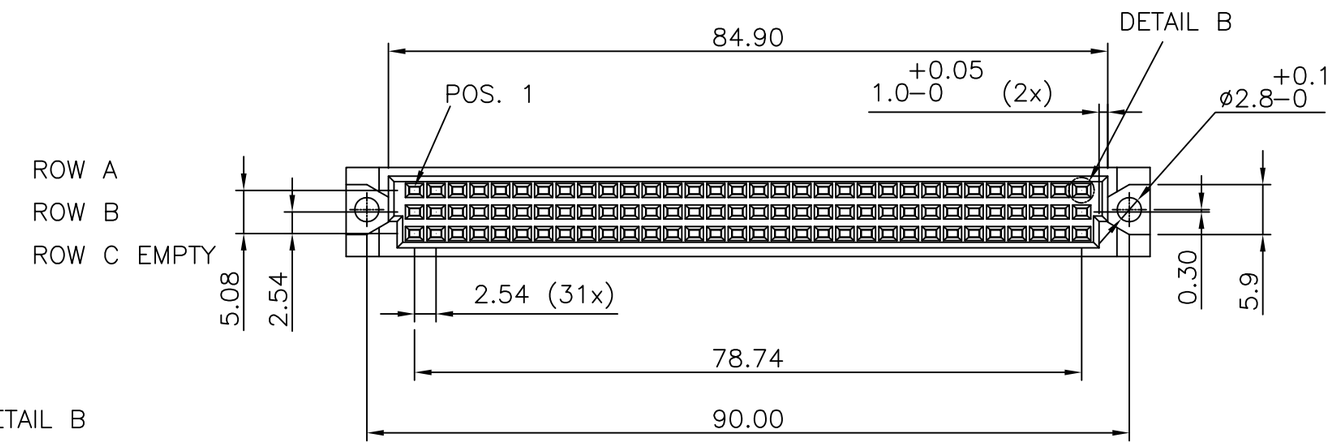
WITH "LF" SUFFIX	LEAD FREE OR RoHS COMPATIBLE PRODUCT
WITHOUT SUFFIX	LEADED PRODUCT

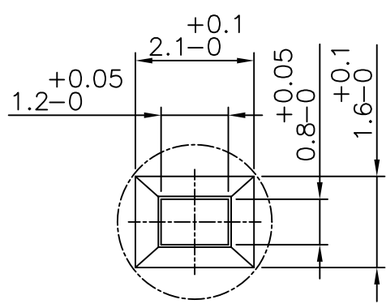
WIRE ACCOMODATION		
PRODUCT NUMBER	WIRE SIZE	CONTACT IDENTIFICATION
BPS8B96ABD000––	AWG28/30	0
BPS8B96ABD200––	AWG24/26	2

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



ROW A & B FULLY LOADED WITH CONTACTS
ROW C EMPTY





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).

CONTACT MATERIAL : PHOSPHOR BRONZE.

CONTACT FINISH : Au OVER Ni IN CONTACT AREA

SnPb ON I.D.C. TERMINAL FOR LEADED PRODUCTS.

Sn (MATTE TIN) ON I.D.C. TERMINAL FOR LEAD FREE PRODUCTS.

Z0 : PERFORMANCE LEVEL PER DIN41612 CLASS 3

Z1 : PERFORMANCE LEVEL PER DIN41612 CLASS 2

E9 : PERFORMANCE LEVEL PER DIN41612 CLASS 1

PART NUMBERS

BPS8B96ABD000–––– CONNECTOR FOR WIRE SIZE AWG28, AWG30 (CONTACT IDENTIFICATION : 0).

BPS8B96ABD200–––– CONNECTOR FOR WIRE SIZE AWG24, AWG26 (CONTACT IDENTIFICATION : 2).

AWG WIRE SIZE MARKING

BPS8B96ABD000–– : 28/30.

BPS8B96ABD000––LF : 28/30.

BPS8B96ABD200–– : 24/26.

BPS8B96ABD200––LF : 24/26.

DATECODE MARKING

A + YEAR & WEEKCODE, EXAMPLE : A9950.

mat'l. code: SEE NOTE				surface: ISO 1302		tolerance: ISO 406 ISO 1101		projection	product family: BPS8		
ltr	ecn no	dr	date	tolerances unless otherwise specified					title: ASSY BPS8 96 POS. A,B LOADED		
F				angles ±1°	linear	0.1±0.2		mm			
						0.01±0.1					
								scale –			
				dr	D.LEGRAND	2000–10–20			dwg no: 55365	sheet 4 of 5	size: A3
				engr	J.F.NOTTEAU	2000–10–20					
				chr	M JACOB	2016–09–28			type: Product Customer Drawing		
				appd	BIJU K PAUL	2016–09–28					
sheet index	revision sheet										

FCIconnect.com
Copyright FCI

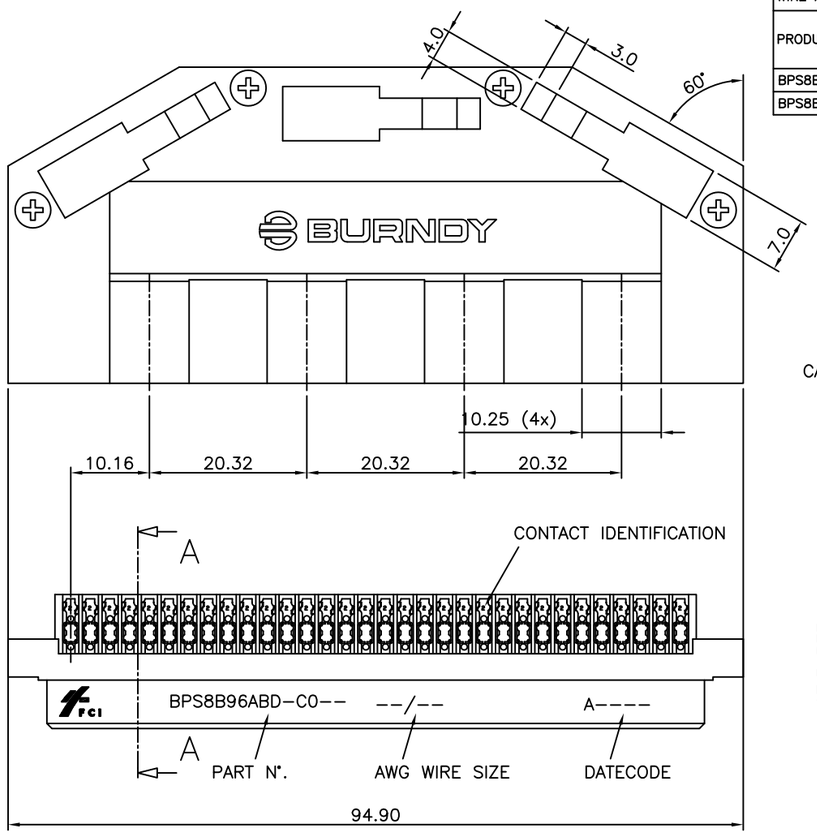
form: A3

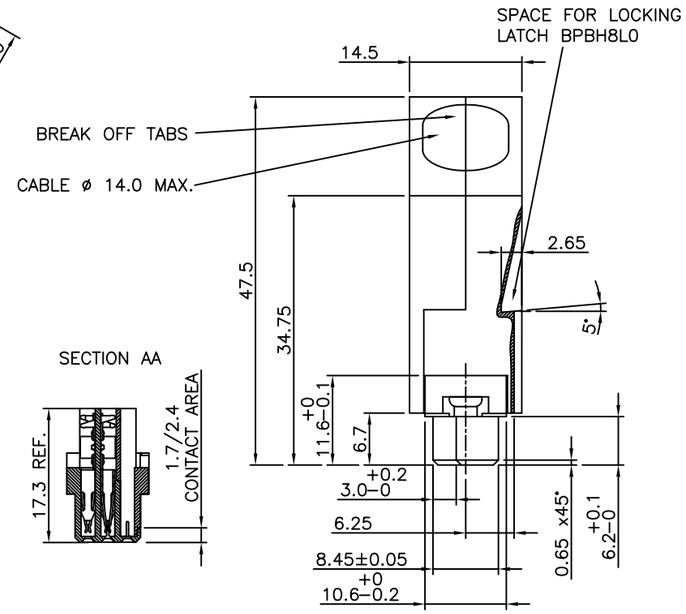
PRODUCT NUMBER	BPS8B96ABD-C0----

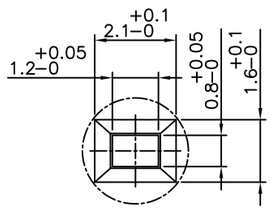
WITH "LF" SUFFIX	LEAD FREE OR RoHS COMPATIBLE PRODUCT
WITHOUT SUFFIX	LEADED PRODUCT

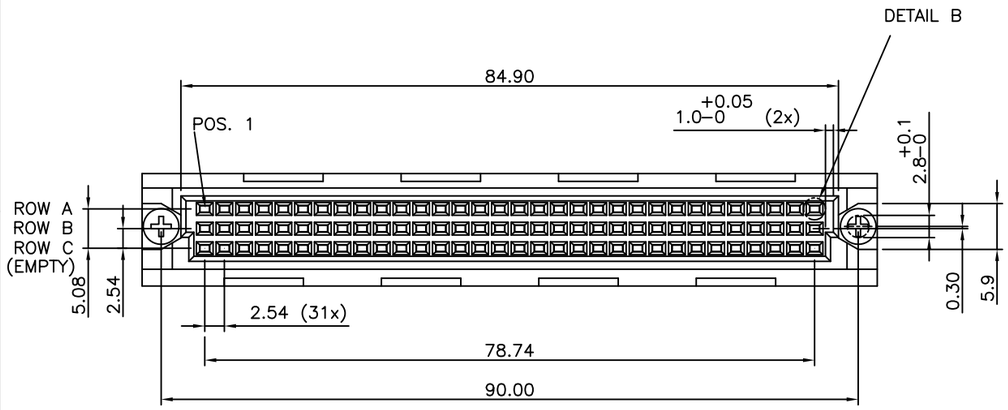
WIRE ACCOMODATION		
PRODUCT NUMBER	WIRE SIZE	CONTACT IDENTIFICATION
BPS8B96ABD0C0--	AWG28/30	0
BPS8B96ABD2C0--	AWG24/26	2

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 : 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 : POLYPHENYLENE (PPO), COLOUR : BLACK.
CONTACT MATERIAL : PHOSPHOR BRONZE.
CONTACT FINISH : Au OVER Ni IN CONTACT AREA
SnPb ON I.D.C. TERMINAL FOR LEADED PRODUCTS.
Sn (MATTE TIN) ON I.D.C. TERMINAL FOR LEAD FREE PRODUCTS.
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°. TF4)

PART NUMBERS

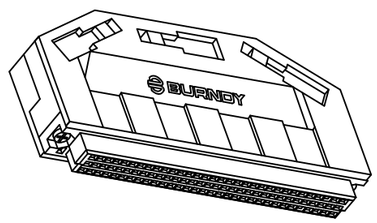
BPS8B96ABD0C0----CONNECTOR FOR WIRE SIZE AWG28, AWG30.
(CONTACT IDENTIFICATION : 0).
BPS8B96ABD2C0----CONNECTOR FOR WIRE SIZE AWG24, AWG26
(CONTACT IDENTIFICATION : 2).

AWG WIRE SIZE MARKING

BPS8B96ABD0C0-- : 28/30.
BPS8B96ABD0C0--LF : 28/30.
BPS8B96ABD2C0-- : 24/26.
BPS8B96ABD2C0--LF : 24/26.

DATECODE MARKING

A + YEAR & WEEKCODE, EXAMPLE : A9950.



mat'l. code	surface	tolerance	projection	product family
SEE NOTES	ISO 1302	ISO 406 ISO 1101		BPS8

ltr	ecn no	dr	date
A			

tolerances unless otherwise specified
angles ±1°
linear 0.1±0.2, 0.01±0.1
mm
scale –

dr	M JACOB	2016-09-28
engr	M JACOB	2016-09-28
chr	STALIN ALOSIUS	2016-09-28
appd	BIJU K PAUL	2016-09-28

title: ASSY BPS8
96 POS. A,B LOADED

dwg no 55365 | sheet 5 of 5 | size A3

type Product Customer Drawing

sheet index | revision sheet

Copyright FCI
FCIconnect.com

form: A3

PDS: Rev :F STATUS:Released Printed: Sep 29, 2016