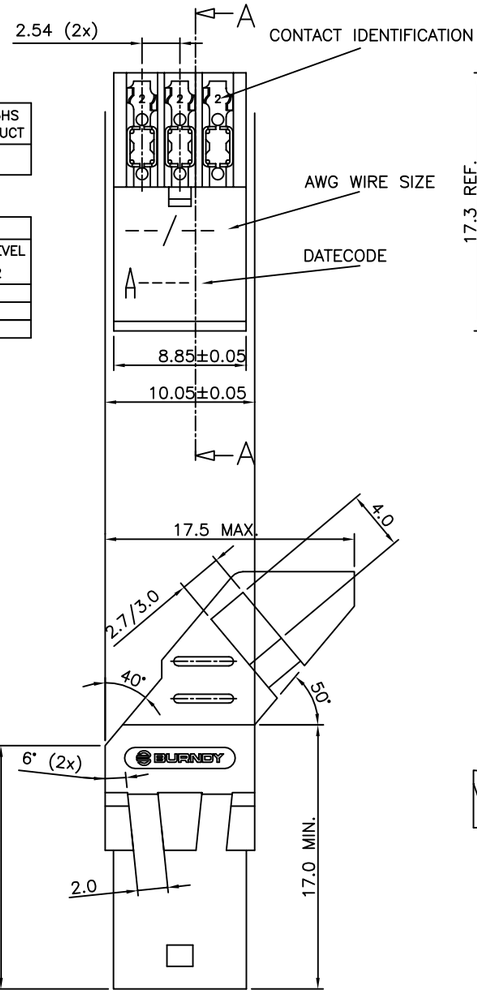
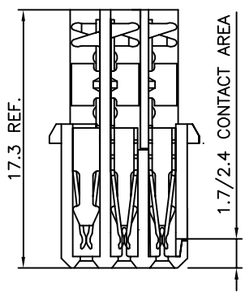
PRODUCT NUMBER BPS8B09FLD-C0----

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

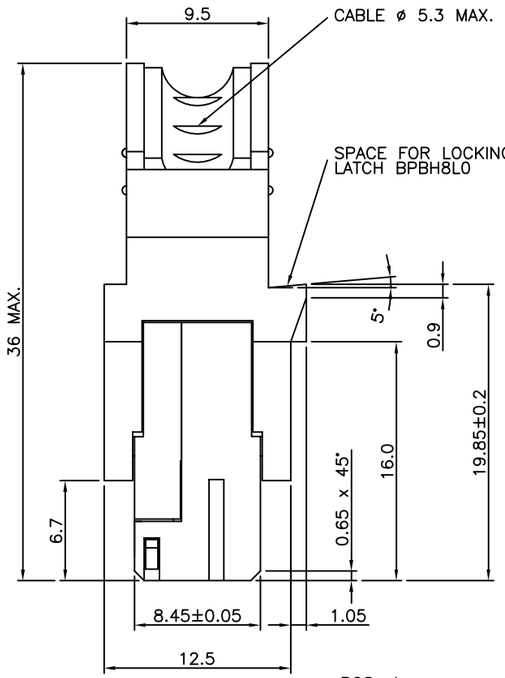
WIRE ACCOMODATION		
PRODUCT NUMBER	WIRE SIZE	CONTACT IDENTIFICATION
BPS8B09FLD0C0--	AWG28/30	0
BPS8B09FLD2C0--	AWG24/26	2

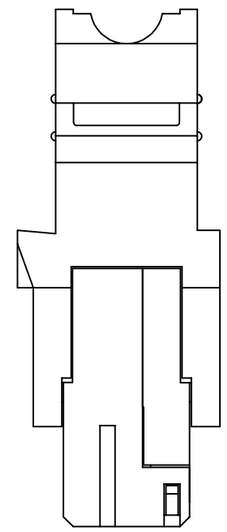
CONTACT PLATING	
PLATING CODE	PERFORMANCE LEVEL PER DIN41612
Z0	CLASS 3
Z1	CLASS 2
E9	CLASS 1

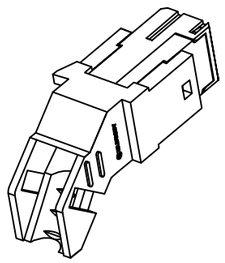


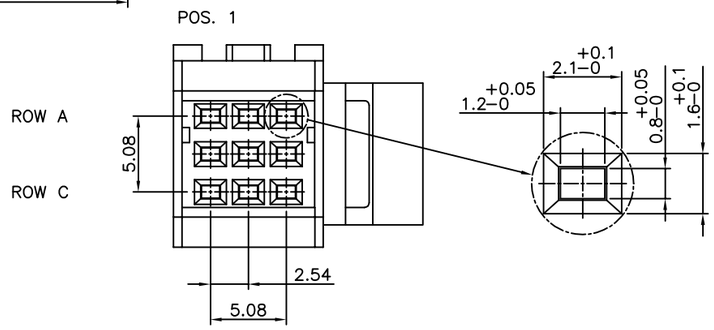


ASSEMBLED VIEW









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 : 1000 MΩ INITIAL, 100 MΩ MIN. AFTER TEST

DIELECTRIC WITH-

STANDING VOLTAGE : 1000 VAC (rms).

CONTACT RESISTANCE : 15 mΩ MAX. INITIAL, 5 mΩ MAX. 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

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°. TF3)

PART NUMBERS

BPS8B09FLD0C0---- CONNECTOR FOR WIRE SIZE AWG28, AWG30. (CONTACT IDENTIFICATION : 0).

BPS8B09FLD2C0---- CONNECTOR FOR WIRE SIZE AWG24, AWG26 (CONTACT IDENTIFICATION : 2).

AWG WIRE SIZE MARKING

BPS8B09FLD0C0-- : 28/30

BPS8B09FLD0C0--LF : 28/30

BPS8B09FLD2C0-- : 24/26

BPS8B09FLD2C0--LF : 24/26

DATECODE MARKING

A + YEAR & WEEKCODE, EXAMPLE : A9950.

ltr	ecn no	dr	date
A	F00819	DLE	2000-10-23
B	I05-0123	MINI	2005-07-27
C	I06-0067	MINI	2006-06-01

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

sheet index	sheet	1	2	3	4
	revision	C	C	C	C

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 09 POS. A,B,C LOADED

dwg no: 55350

sheet 1 of 4

size: A3

type: Product Customer Drawing

form: A3

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PDM: Rev:C STATUS: Released Printed: May 14, 2011

PRODUCT NUMBER	BPS8B09FLD–00––––

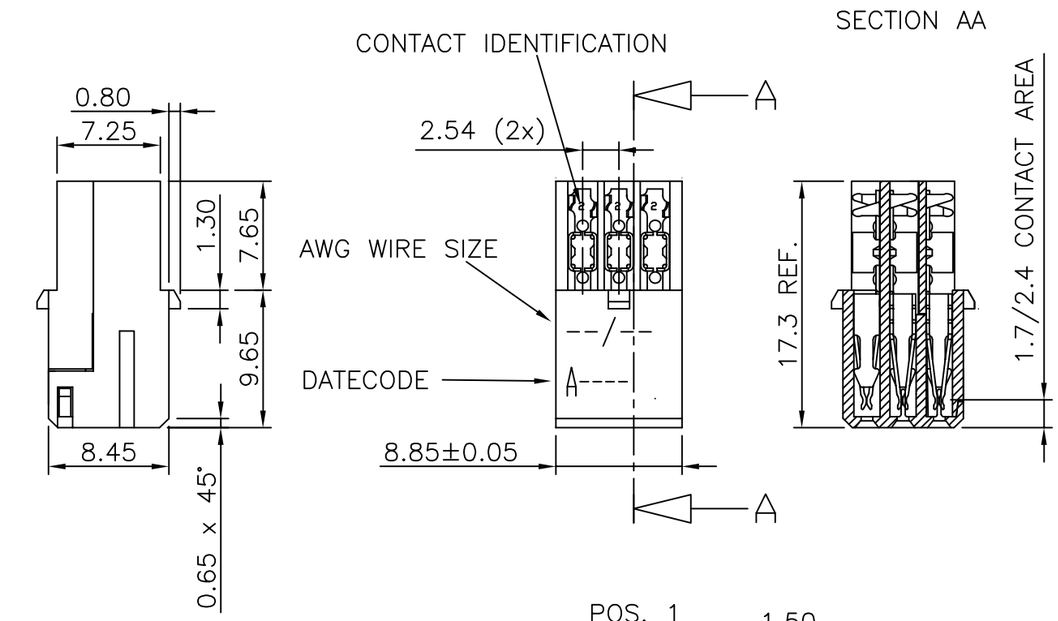
WITH "LF" SUFFIX	LEAD FREE OR RoHS COMPATIBLE PRODUCT
WITHOUT SUFFIX	LEADED PRODUCT

WIRE ACCOMODATION

PRODUCT NUMBER	WIRE SIZE	CONTACT IDENTIFICATION
BPS8B09FLD000––	AWG28/30	0
BPS8B09FLD200––	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 : 1000 MΩ INITIAL, 100 MΩ MIN. AFTER TEST
DIELECTRIC WITH–
STANDING VOLTAGE : 1000 VAC (rms).
CONTACT RESISTANCE : 15 mΩ MAX. INITIAL, 5 mΩ MAX. 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
OTHERS : CONSULT FCI

PART NUMBERS

BPS8B09FLD000–––– CONNECTOR FOR WIRE SIZE AWG28, AWG30.
(CONTACT IDENTIFICATION : 0).

BPS8B09FLD200–––– CONNECTOR FOR WIRE SIZE AWG24, AWG26
(CONTACT IDENTIFICATION : 2).

AWG WIRE SIZE MARKING

BPS8B09FLD000–– : 28/30
BPS8B09FLD000––LF : 28/30

BPS8B09FLD200–– : 24/26
BPS8B09FLD200––LF : 24/26

DATECODE MARKING

A + YEAR & WEEKCODE, EXAMPLE : A9950.

ltr	ecn no	dr	date
A	F00819	DLE	2000–10–19
B	I05–0123	MINI	2005–07–27
C	I06–0067	MINI	2006–06–01

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 –

dr	D.LEGRAND	2000–10–19
engr	J.F.NOTTEAU	2000–10–19
chr	RAKHEE GEORGE	2006–06–01
appd	RAKHEE GEORGE	2006–06–01

sheet index | revision sheet

product family: BPS8
title: ASSY BPS8 09 POS. A,B,C LOADED
dwg no 55350 | sheet 2 of 4 | size A3
type Product Customer Drawing

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form: A3
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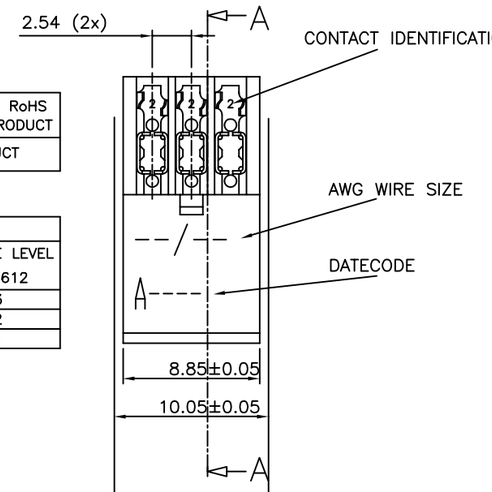
PDM: Rev:C STATUS: Released Printed: May 14, 2011

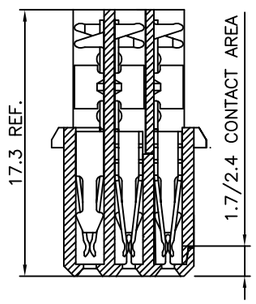
PRODUCT NUMBER BPS8B09FLD–M0––––

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

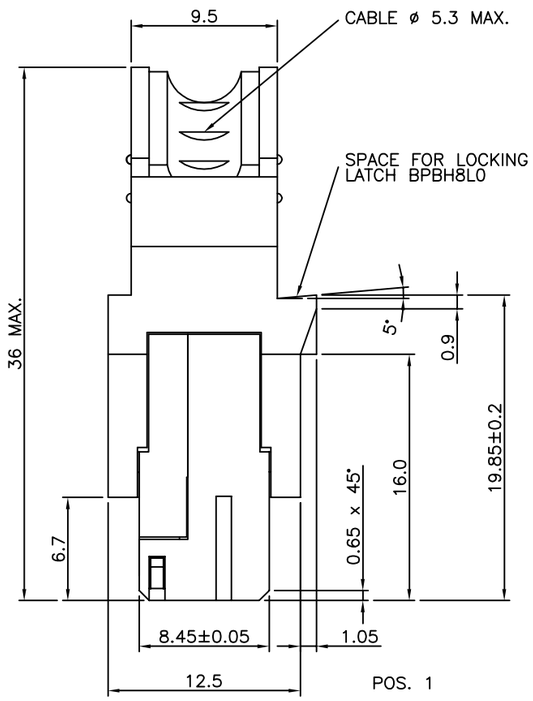
WIRE ACCOMODATION		
PRODUCT NUMBER	WIRE SIZE	CONTACT IDENTIFICATION
BPS8B09FLD0M0––	AWG28/30	0
BPS8B09FLD2M0––	AWG24/26	2

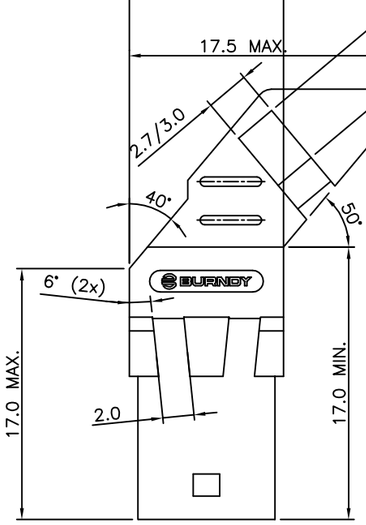
CONTACT PLATING	
PLATING CODE	PERFORMANCE LEVEL PER DIN41612
Z0	CLASS 3
Z1	CLASS 2
E9	CLASS 1

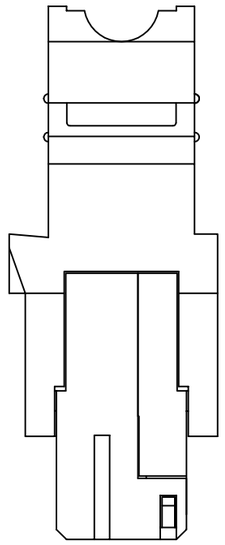


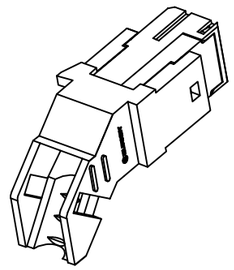


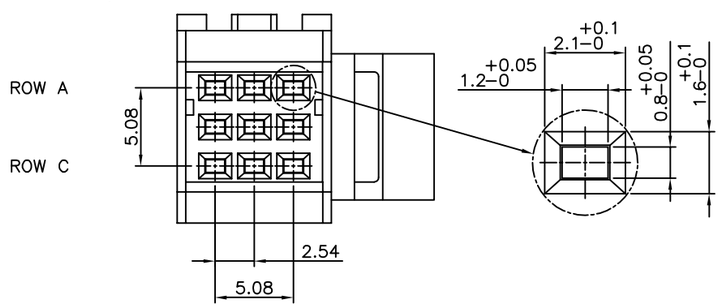
ASSEMBLED VIEW











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 : 1000 MΩ INITIAL, 100 MΩ MIN. AFTER TEST
DIELECTRIC WITH–
STANDING VOLTAGE : 1000 VAC (rms).
CONTACT RESISTANCE : 15 mΩ MAX. INITIAL, 5 mΩ MAX. 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
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°. TF3)

PART NUMBERS

BPS8B09FLD0M0–––– CONNECTOR FOR WIRE SIZE AWG28, AWG30. (CONTACT IDENTIFICATION : 0).
BPS8B09FLD2M0–––– CONNECTOR FOR WIRE SIZE AWG24, AWG26 (CONTACT IDENTIFICATION : 2).

AWG WIRE SIZE MARKING

BPS8B09FLD0M0–– : 28/30.
BPS8B09FLD0M0––LF : 28/30.
BPS8B09FLD2M0–– : 24/26.
BPS8B09FLD2M0––LF : 24/26.

DATECODE MARKING

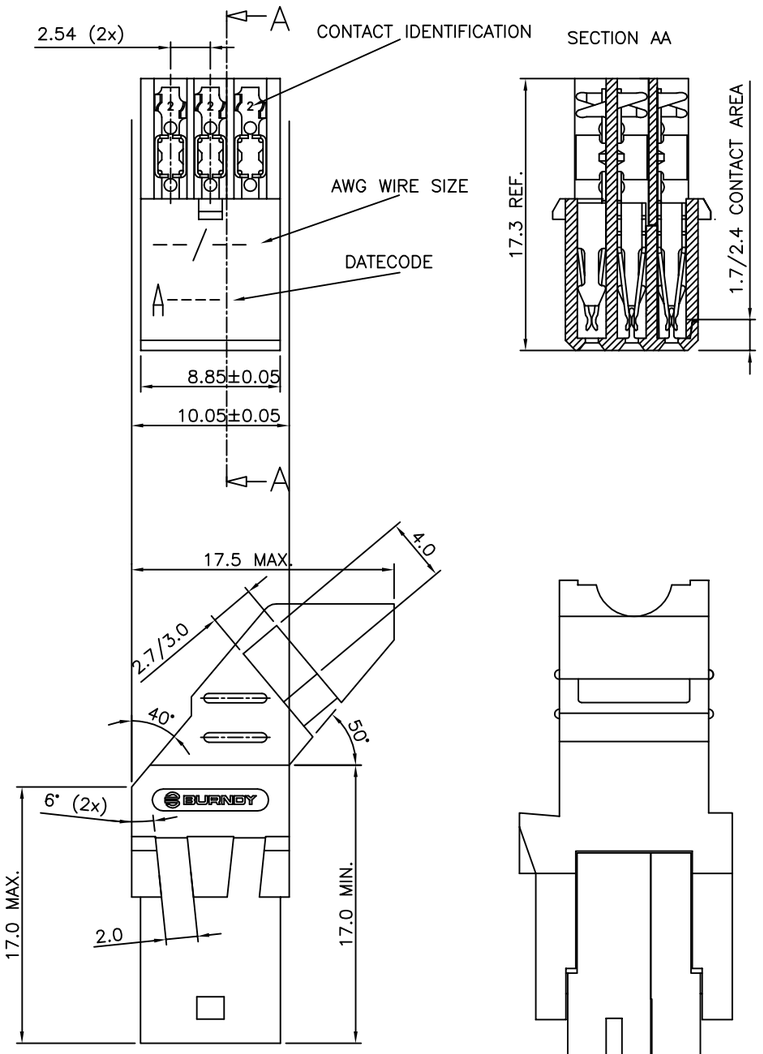
A + YEAR & WEEKCODE, EXAMPLE : A9950.

ltr	ecn no	dr	date
A	F00819	DLE	2000–10–23
B	I05–0123	MINI	2005–07–27
C	I06–0067	MINI	2006–06–01

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	–	
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
product family	BPS8	
title	ASSY BPS8 09 POS. A,B,C LOADED	
dwg no	55350	
sheet 3 of 4		
size	A3	
type	Product Customer Drawing	
sheet index	revision sheet	

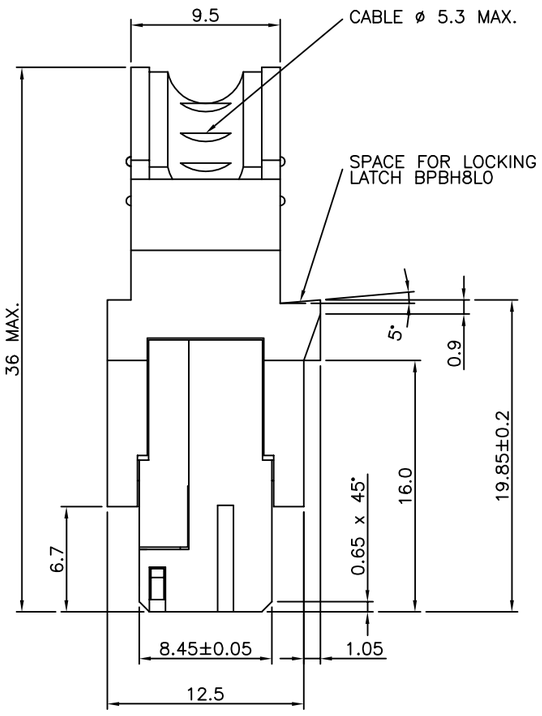
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PDM: Rev:C STATUS: Released Printed: May 14, 2011

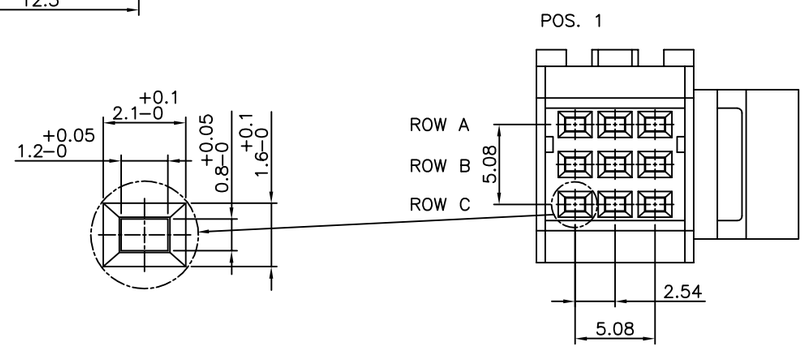


SECTION AA

ASSEMBLED VIEW



POS. 1



PRODUCT NUMBER | BPS8B09FLD2C0--CM1

WIRE ACCOMODATION		
PRODUCT NUMBER	WIRE SIZE	CONTACT IDENTIFICATION
BPS8B09FLD2C0--CM1	AWG24/26	2

CONTACT PLATING			
PRODUCT NUMBER	PERFORMANCE LEVEL PER DIN41612	CONTACT AREA	IDC TERMINAL
BPS8B09FLD2C0Z0CM1	CLASSE 3	Au OVER Ni	SnPb
BPS8B09FLD2C0Z1CM1	CLASSE 2	Au OVER Ni	SnPb
BPS8B09FLD2C0E9CM1	CLASSE 1	Au OVER Ni	SnPb

PERFORMANCES CHARACTERISTICS

VOLTAGE RATING : 250 VAC (rms)
CURRENT RATING : 1,5 A AT 25 °C, 1 A AT 70 °C.
INSULATION RESISTANCE : 1000 MΩ INITIAL, 100 MΩ MIN. AFTER TEST
DIELECTRIC WITH-
STANDING VOLTAGE : 1000 VAC (rms).
CONTACT RESISTANCE : 15 mΩ MAX. INITIAL, 5 mΩ MAX. 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, SnPb 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

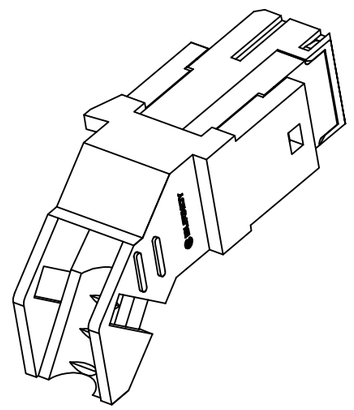
BPS8B09FLD2C0Z1CM1 CONNECTOR FOR WIRE SIZE AWG24, AWG26. (CONTACT IDENTIFICATION : 2).

CUSTOMER MARKING

BPS8B09FLD2C0Z1CM1 : BPS8.

DATECODE MARKING

A + YEAR & WEEKCODE, EXAMPLE : A9950.



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

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

title: ASSY BPS8
09 POS. A,B,C LOADED

ltr	ecn no	dr	date
A	F00819	DLE	2000-10-23
B	I05-0123	MINI	2005-07-27
C	I06-0067	MINI	2006-06-01

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

dwg no 55350 | sheet 4 of 4 | size A3
type Product Customer Drawing
sheet index | revision sheet

form: A3

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