

# A-DFF 09 LPIII/FP Datasheet



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DiGi Electronics Part Number	A-DFF 09 LPIII/FP-DG
Manufacturer	<a href="#">Assmann WSW Components</a>
Manufacturer Product Number	A-DFF 09 LPIII/FP
Description	CONN D-SUB RCPT 9POS IDC
Detailed Description	9 Position D-Sub Receptacle, Female Sockets Connector

This model A-DFF 09 LPIII/FP is available at DiGi Electronics.

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RFQ Email: [Info@DiGi-Electronics.com](mailto:Info@DiGi-Electronics.com)

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## Purchase and inquiry

**Manufacturer Product Number:**

A-DFF 09 LP111/FP

**Series:**

-

**Connector Style:**

D-Sub

**Number of Positions:**

9

**Mounting Type:**

Free Hanging (In-Line)

**Contact Type:**

Signal

**Termination:**

IDC, Ribbon Cable

**Contact Finish:**

Gold

**Ingress Protection:**

-

**Current Rating (Amps):**

3A

**Features:**

Feed Through, Strain Relief

**Color:**

Black

**Dielectric Material:**

Polybutylene Terephthalate (PBT), Glass Filled

**Contact Material:**

Copper Alloy

**Base Product Number:**

A-DFF 09

**Manufacturer:**

Assmann WSW Components

**Product Status:**

Active

**Connector Type:**

Receptacle, Female Sockets

**Number of Rows:**

2

**Shell Size, Connector Layout:**

1 (DE, E)

**Flange Feature:**

Housing/Shell (Unthreaded)

**Shell Material, Finish:**

-

**Contact Finish Thickness:**

Flash

**Material Flammability Rating:**

UL94 V-0

**Backset Spacing:**

-

**Voltage Rating:**

250V

**Contact Form:**

-

**Wire Gauge:**

26-28 AWG

**Operating Temperature:**

-55°C ~ 105°C

## Environmental & Export classification

**RoHS Status:**

ROHS3 Compliant

**REACH Status:**

REACH Unaffected

**HTSUS:**

8536.69.4051

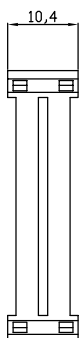
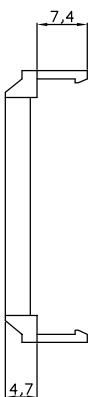
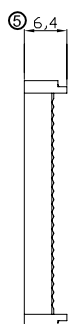
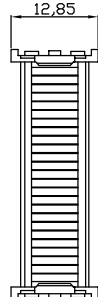
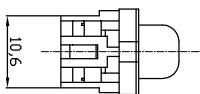
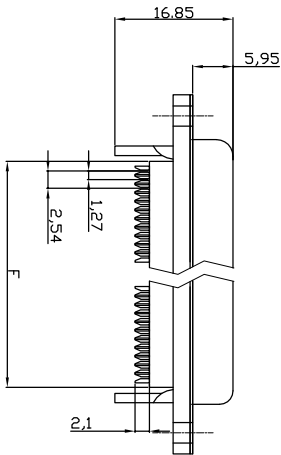
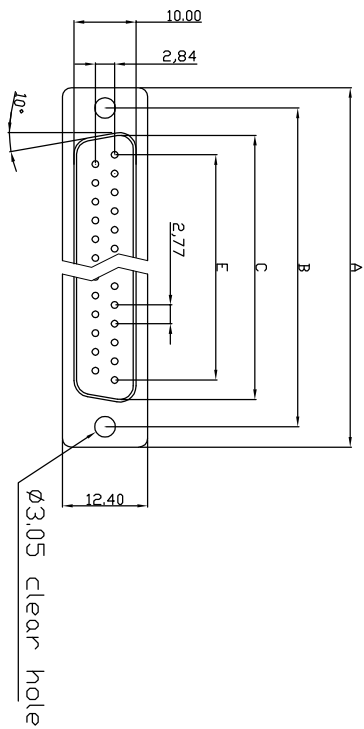
**Moisture Sensitivity Level (MSL):**

1 (Unlimited)

**ECCN:**

EAR99

**Male**



**Cover**


**Strain Relief**

Dimensions

Positions	A	B	C	E	F
9	30.50	25.00	18.05	11.08	13.10
15	39.00	33.32	26.35	19.39	20.70
25	53.08	47.04	40.95	33.24	33.68
37	69.25	63.50	56.75	49.86	50.30

**Product Specification**  
**Material**  
 Insulator : Glass-Filled Thermoplastic PBT, UL94V-0  
 Contact : Copper alloy  
**Electrical**  
 Contact Resistance : 20 milliohms Max at 1 AMP DC.  
 Insulation Resistance : 1000 megohms at 500 VDC  
 Dielectric Withstanding Voltage : 1000 VAC/rms 60Hz for 1 minute  
 Current Rating : 3 AMP  
 Voltage Rating : 250 VAC/rms 60Hz  
 Wire Spec : 26 AWG-28 AWG  
 Operating Temperature: -55°C ~ +105°C  
 Order Code:

A-DXF xx LP111/FP  
 Contact style: — FP - Full-plastic style  
 S - Male  
 No. of Contacts  
 09 / 15 / 25 / 37  
 Standard: Quality class III

**RoHS compliant**  
 Unit: mm  
  
 File No.: E198287

Scale	Free TOLERANCE
X.	±0.38
X.X	±0.25
X.XX	±0.13
DIM	TOL
X.°	±3°
X.X°	±1.0°
Angle	TOL

Id.	Modification	Date	Name
⑤	Update the dimension	22.09.2015	Winnie
④	Update the dimension	27.02.2015	Winnie
③	Update the dimension	09.07.2014	Winnie
②	Update the wire specification	28.06.2013	Winnie
①	Add the wire specification	06.03.2013	Winnie
①	Drawn	15.08.2012	Lucas

Date	Name
15.08.2012	Lucas
22.09.2015	Winnie

**ASSMANN**  
 WSW/ components

Customer-No.	Drawing-No.	Replace
	ASSMANN WSW-No. A-DXF xx LP111/FP	ASS 4890 CO
		rev05
		Sheet 1/2

A	1	2	3	4	5	6	7	A
B	1	2	3	4	5	6	7	B
C	1	2	3	4	5	6	7	C
D	1	2	3	4	5	6	7	D
E	1	2	3	4	5	6	7	E
F	1	2	3	4	5	6	7	F
G	1	2	3	4	5	6	7	G
H	1	2	3	4	5	6	7	H

1

2

3

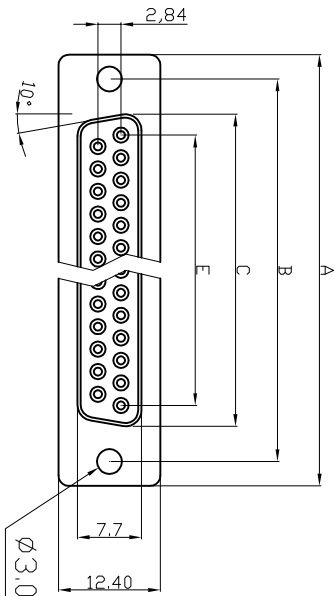
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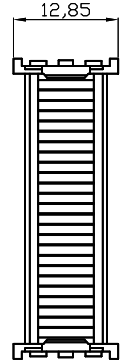
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7

**Female**



ø3,05 clear hole



**Cover**

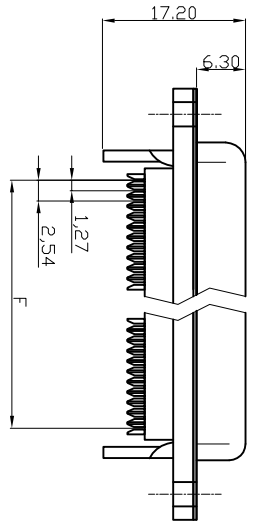
**Product Specification**  
 Material  
 Insulator : Glass-filled Thermoplastic PBT, UL 94V-0, Black  
 Contact : Copper alloy, Gold flash selective gold

**Electrical**  
 Contact Resistance : 20 milliohms Max at 1 AMP DC.  
 Insulation Resistance : 1000 megohms at 500 VDC  
 Dielectric Withstanding Voltage : 1000 VAC/rms 60Hz for 1 minute  
 Current Rating : 3 AMP  
 Voltage Rating : 250 VAC/rms 60Hz  
 Wire Spec : 26 AWG-28 AWG  
 Operating Temperature:-55°C+105°C




**Strain Relief**

Dimensions Positions	A	B	C	E	F
9	④ 30,50	24,99	④ 16,00	11,08	10,16
15	④ 39,00	33,30	④ 24,27	19,39	⑤ 20,70
25	53,05	47,04	④ 38,22	33,24	⑤ 33,68
37	69,40	63,50	⑤ 53,50	49,86	⑤ 50,30



**With Insulator Support**

**RoHS compliant**

Unit: mm  
  
 File No.: E198287

Scale	Free TOLERANCE	⑤ Update the dimension	22.09.2015	Winnie	Date	Name
X.	±0.38	④ Update the dimension	27.02.2015	Winnie	15.08.2012	Lucas
X.X	±0.25	③ Update the dimension	09.07.2014	Winnie	22.09.2015	Winnie
X.XX	±0.13	② Update the wire specification	28.06.2013	Winnie		
DIM	TOL	① Add the wire specification	06.03.2013	Winnie		
X.°	±3°	① Drawn	15.08.2012	Lucas		
X.X°	±1.0°					
Angle	TOL	Id.	Modification	Date	Name	



Customer-No.  
 ASSMANN WSW-No.  
**A-DXF XX LPIII/FP**  
 Drawing-No.  
**ASS 4890 CO**

Replace  
**rev05**  
 Sheet 2/2

1

2

3

4

5

6

7

H

G

F

E

D

C

B

A

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