

A-DFF 37 LPIII/FP Datasheet



DiGi Electronics Part Number	A-DFF 37 LPIII/FP-DG
Manufacturer	Assmann WSW Components
Manufacturer Product Number	A-DFF 37 LPIII/FP
Description	CONN D-SUB RCPT 37POS IDC
Detailed Description	37 Position D-Sub Receptacle, Female Sockets Connector

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Purchase and inquiry

Manufacturer Product Number:

A-DFF 37 LP111/FP

Series:

-

Connector Style:

D-Sub

Number of Positions:

37

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 37

Manufacturer:

Assmann WSW Components

Product Status:

Active

Connector Type:

Receptacle, Female Sockets

Number of Rows:

2

Shell Size, Connector Layout:

4 (DC, C)

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

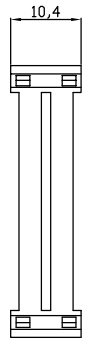
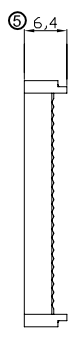
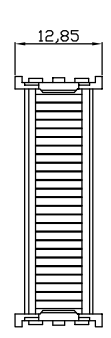
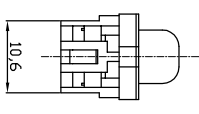
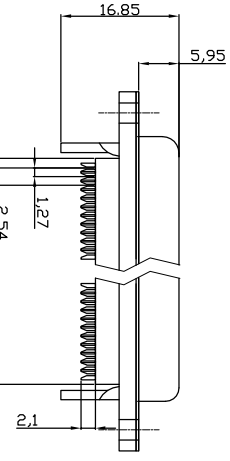
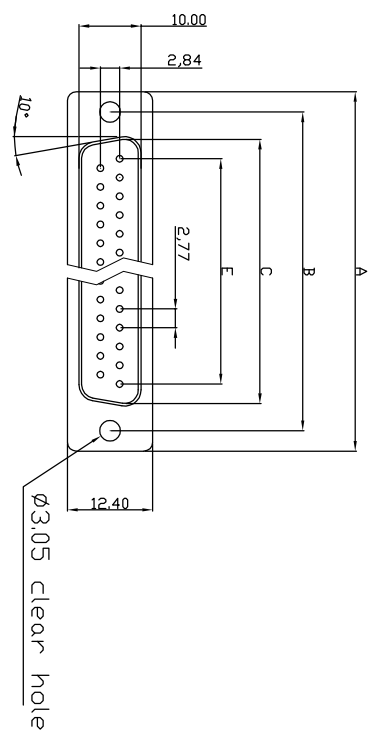
Moisture Sensitivity Level (MSL):

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

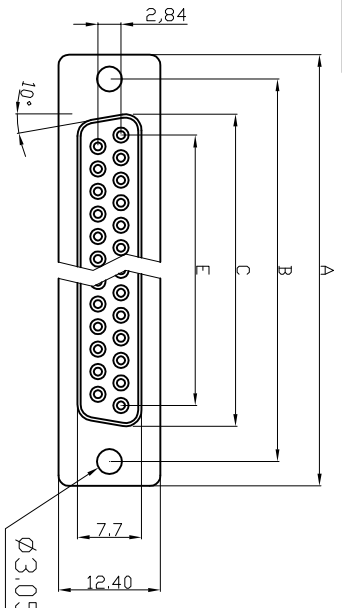
ASSMANN
 WSW/ components

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

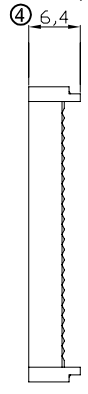
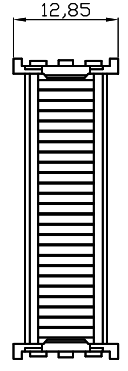
	1	2	3	4	5	6	7	
A								A
B								B
C								C
D								D
E								E
F								F
G								G
H	1	2	3	4	5	6	7	H

1 2 3 4 5 6 7

Female



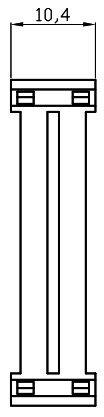
Ø3.05 clear hole



Cover

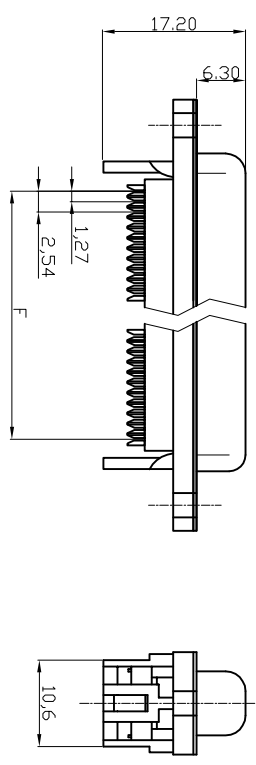
Product Specification
 Material : Glass-Filled Thermoplastic PBT, UL 94V-0, Black
 Insulator : Copper alloy, Gold flash selective gold

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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