

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** **0687830008**  
**Status:** **Active**  
**Overview:** displayport  
**Description:** DisplayPort\*-to-DisplayPort\* Cable Assembly without Latches, 2.0m (6.56' ) Length

**Documents:**

[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-68783-001 \(PDF\)](#)

**General**

Product Family Cable Assemblies  
 Series 68783  
 Connector to Connector DisplayPort\* Both Ends  
 Overview displayport  
 Product Name DisplayPort\*

**Physical**

Cable Length 2.0m (6.56' )  
 Circuits (Loaded) 20  
 Color - Resin Black  
 Gender Male-Male  
 Lock to Mating Part No  
 Material - Metal Brass, Stainless Steel  
 Material - Plating Mating Gold  
 Material - Plating Termination Tin  
 Material - Resin ABS Alloy, High Temperature Thermoplastic  
 Packaging Type Bag  
 Pitch - Mating Interface (in) 0.039 In  
 Pitch - Mating Interface (mm) 1.00 mm  
 Plating min: Mating (µin) 32  
 Plating min: Mating (µm) 0.8  
 Plating min: Termination (µin) 80  
 Plating min: Termination (µm) 2  
 Single Ended No  
 Termination Interface: Style Surface Mount  
 Waterproof / Dustproof No  
 Wire Insulation Diameter N/A  
 Wire Size AWG 30  
 Wire/Cable Type Round

**Electrical**

Current - Maximum per Contact 0.5A  
 Impedance 100 ohms  
 Shield Type Full Shield  
 Shielded Yes  
 Voltage - Maximum 40V

**Material Info**

**Reference - Drawing Numbers**

Product Specification PS-68783-001  
 Sales Drawing SD-68783-005

\*DisplayPort is a Trademark of VESA



**EU RoHS**

**ELV and RoHS  
Compliant**  
**REACH SVHC**  
 Not Reviewed  
**Halogen-Free  
Status**

**China RoHS**



**Not Reviewed**  
**Need more information on product  
environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

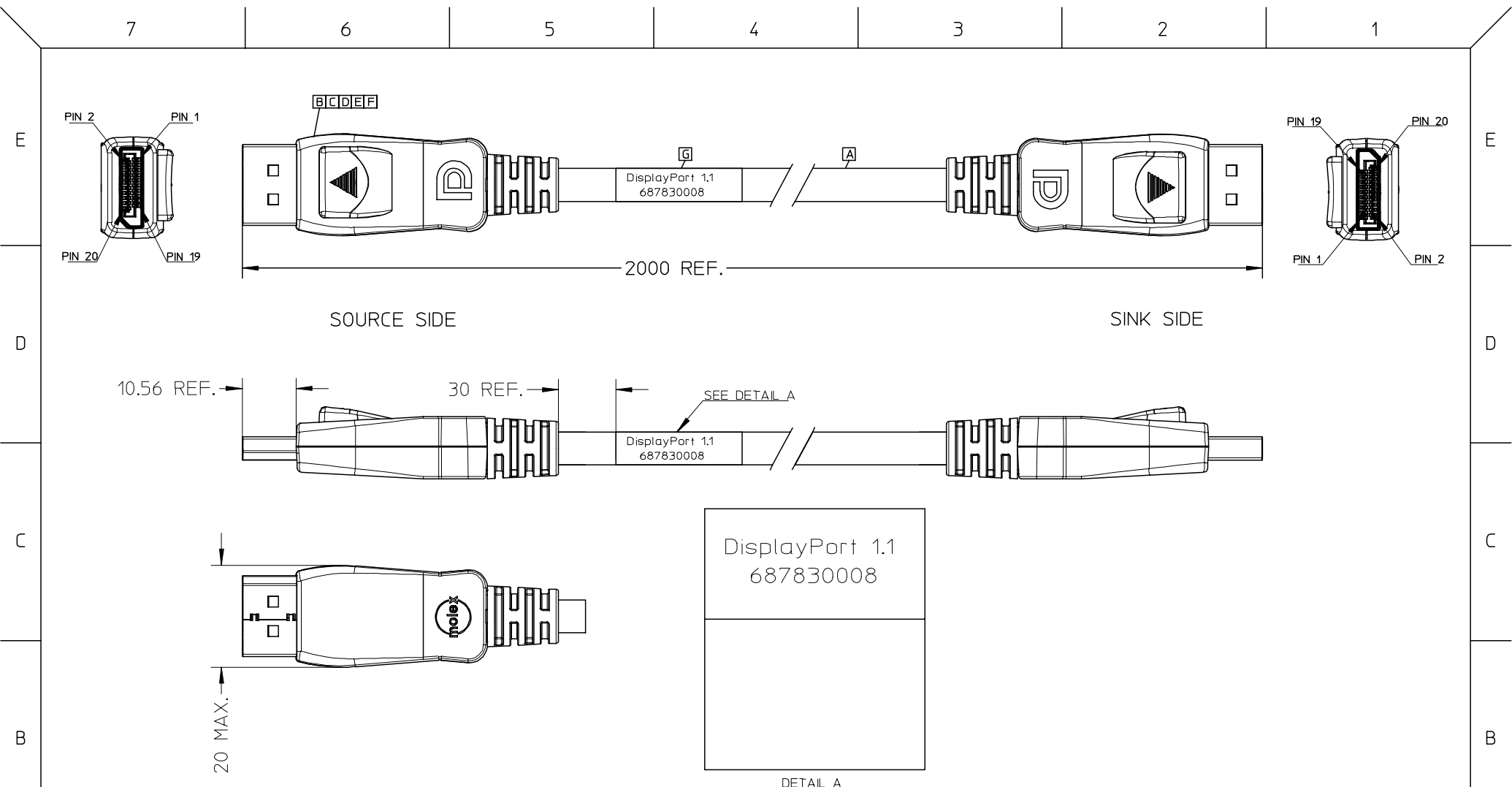
**Search Parts in this Series**

68783Series

**Mates With**

47272 DisplayPort\* Receptacle

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ENTER DESCRIPTION EC NO: DG2007-0155 DRWN: JLIU13 CHKD: BLAU APPR: BLAU	DESCRIPTION 2007/04/11 2007/04/13 2007/04/16	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION																		
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WIRE DIAGRAM:

SHELL		BRAID	SHELL	
PIN 20	PWR		PIN 20	PWR
PIN 19	Re-PWR	PIN 19	Re-PWR	
PIN 18	HPD	PIN 18	HPD	
PIN 17	AUX(n)	PIN 17	AUX(n)	
PIN 16	GND	PIN 16	GND	
PIN 15	AUX(p)	PIN 15	AUX(p)	
PIN 14	GND	PIN 14	GND	
PIN 13	GND	PIN 13	GND	
PIN 12	ML3(n)	PIN 1	ML3(n)	
PIN 11	GND	PIN 2	GND	
PIN 10	ML3(p)	PIN 3	ML3(p)	
PIN 9	ML2(n)	PIN 4	ML2(n)	
PIN 8	GND	PIN 5	GND	
PIN 7	ML2(p)	PIN 6	ML2(p)	
PIN 6	ML1(n)	PIN 7	ML1(n)	
PIN 5	GND	PIN 8	GND	
PIN 4	ML1(p)	PIN 9	ML1(p)	
PIN 3	ML0(n)	PIN 10	ML0(n)	
PIN 2	GND	PIN 11	GND	
PIN 1	ML0(p)	PIN 12	ML0(p)	
SOURCE SIDE	Pin Description	SINK SIDE	Pin Description	

NOTE:

1. THIS PRODUCT MUST MEET MOLEX ROHS COMPLIANCE.
2. THE STRAIN RELIEF SHALL BE OVERMOLD WITH BLACK PVC .
3. THE CABLE ASSEMBLY CAN MEET DisplayPort SPECIFICATION 1.1 REVISION.

G	LABEL	172000487	1
F	COVER-UP WITHOUT LATCH	47271-1004	2
E	COVER-DOWN	47271-0005	2
D	INNER-SHELL-LOWER	47271-1009	2
C	INNER-SHELL-UPPER WITHOUT LATCH	47271-3008	2
B	PLUG SUB-ASS'Y CONN.	47271-1011	2
A	DisplayPort AWG30 CABLE	2000MM	1
ITEM	DESCRIPTION	LENGTH	QTY.

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