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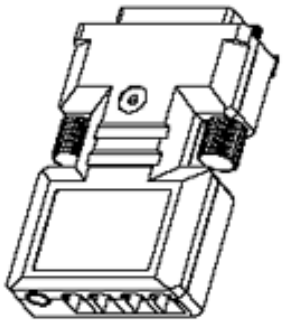
Part Number: 0681830002
Status: Active
Description: 6.25 mm (.246") Pitch, 24 Pin DVI Single Link Digital Plug, Receiver

Documents:
Drawing (PDF)
RoHS Certificate of Compliance (PDF)
Product Specification PS-68183-001 (PDF)



Series image - Reference only

General

Product Family	I/O Connectors
Series	68183
Application	Wire-to-Board
Component Type	Plug, Receiver
Product Name	N/A
Type	N/A

Physical

Boot Color	N/A
Circuits (Loaded)	24
Circuits (maximum)	24
Durability (mating cycles max)	200
Gender	Plug
Keying to Mating Part	None
Lock to Mating Part	No
Material - Plating Mating	Gold
Number of Rows	3
Orientation	Vertical
PCB Locator	No
PCB Retention	Yes
PCB Thickness Recommended (in)	0.063 In
PCB Thickness Recommended (mm)	1.60 mm
Packaging Type	Bag
Panel Mount	Yes
Pitch - Mating Interface (in)	0.246 In
Pitch - Mating Interface (mm)	6.25 mm
Pitch - Term. Interface (in)	0.246 In
Pitch - Term. Interface (mm)	6.25 mm
Polarized to Mating Part	Yes
Polarized to PCB	N/A
Ports	1
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	0°C to +50°C
Termination Interface: Style	Through Hole
Waterproof / Dustproof	No
Wire Insulation Diameter	N/A
Wire Size AWG	N/A

Electrical

Current - Maximum per Contact	0.32A
Grounding to Panel	Yes
Shielded	No
Voltage - Maximum	5.5V

Material Info

Reference - Drawing Numbers

Product Specification	PS-68183-001

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

China RoHS

Need more information on product environmental compliance?

Email 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
68183Series

Use With

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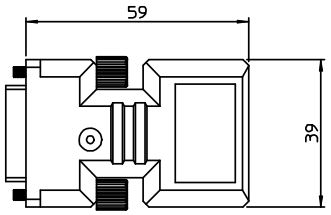
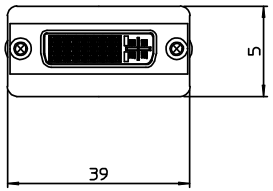
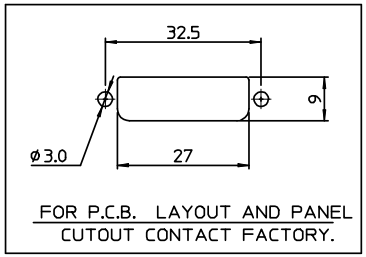
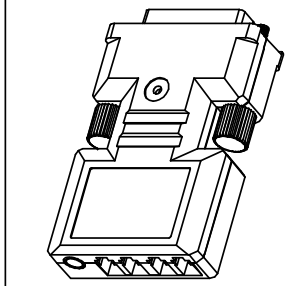


24PIN DVI
Single Link Digital Plug

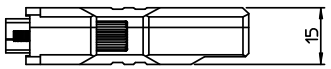


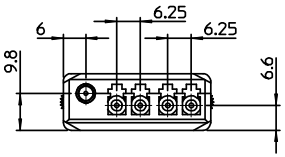


FOR P.C.B. LAYOUT AND PANEL
CUTOUT CONTACT FACTORY.



ISOMETRIC VIEW

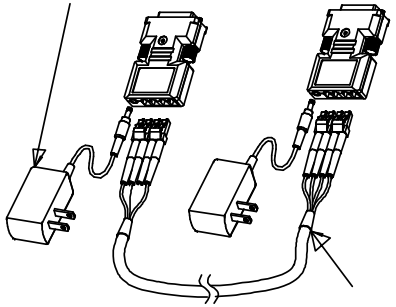




NOTES

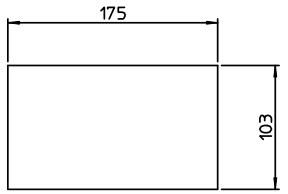
1. PRODUCT SPECIFICATION NO. : PS-68183-001
2. APPLICATION
   BESIDES THE TRANSIMITTER, RECEIVER,
   FOLLOWING ACCESSARIES ARE NECESSARY
   TO USE.
   - AC-DC POWER ADAPTER : 68183-0005 (USA)
     68183-0006 (UK)
     68183-0007 (EUROPE)
   (POWER ADAPTERS MUST BE PURCHASED SEPERATELY)
3. LC DUPLEX CABLE ASSEMBLY : CONTACT FACTORY OR REFER TO PS.

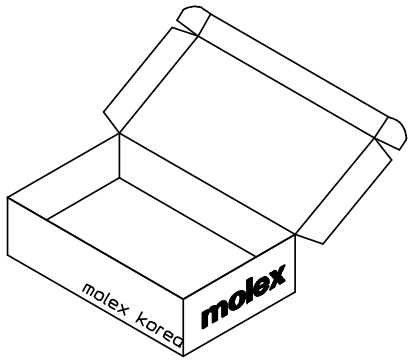
AC-DC POWER
ADAPTER



LC DUPLEX
CABLE ASS'Y"

Application Example





Packaging BOX Dimension
Scale 0.5:1

TABLE A

2	RECEIVER	68183-0002	681830002	500 Meter MAX.
1	TRANSMITTER	68183-0001	681830001	
NO	DISCRIPTION	ENG NO	MATERIAL NO	CABLE LENGTH

REVISED
EC NO: KOR2008-0177 2008/06/11
DRWN:HJEONG 2008/06/11
CH'KD:YSOOKIM 2008/06/12
APPR:YUNSIKKIM
DESCRIPTION
REV
C

QUALITY SYMBOLS
▼=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± ---	± ---
1 PLACE	± ---	± ---
ANGULAR ±---°		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY
SCALE: 1:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY	YSOOKIM	DATE 020330
CHECKED BY	YSIKKIM	DATE 020330
APPROVED BY	CWLEE	DATE 020330

TITLE: OPTICAL GRAPHIC EXTENSION MODULE TX

MOLEX INCORPORATED

MATERIAL NO.: SEE TABLE
DOCUMENT NO.: SD-68183-001
SHEET NO.: 1 OF 1
SIZE: A2

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