

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0681830001

Status:

Active

Description:

6.25 mm (.246") Pitch, 24 Pin DVI Single Link Digital Plug, Transmitter

Documents:

Drawing (PDF)

Product Specification PS-68183-001 (PDF)

RoHS Certificate of Compliance (PDF)

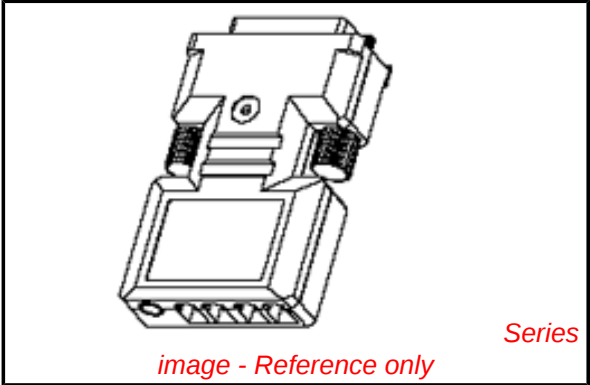
General	
Product Family	I/O Connectors
Series	68183
Application	Wire-to-Board
Component Type	Plug, Transmitter
Product Name	N/A
Type	N/A

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	0.36A
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.

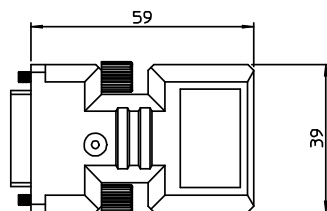
Search Parts in this Series

68183Series

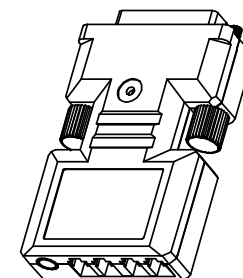
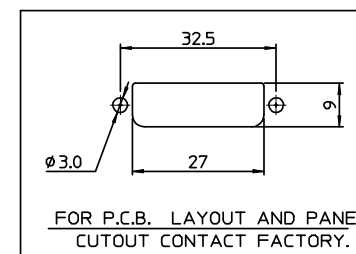
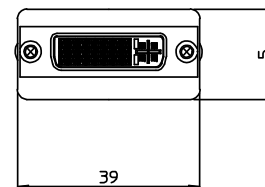
Use With

This document was generated on 04/02/2010

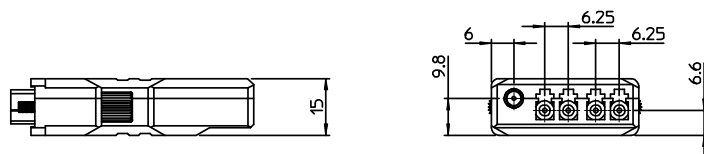
PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION



24PIN DVI
Single Link Digital Plug



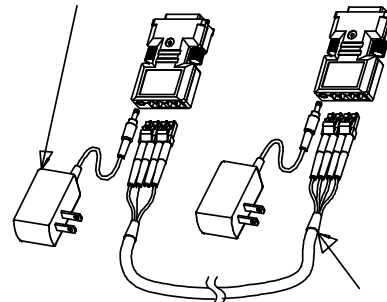
ISOMETRIC VIEW



NOTES

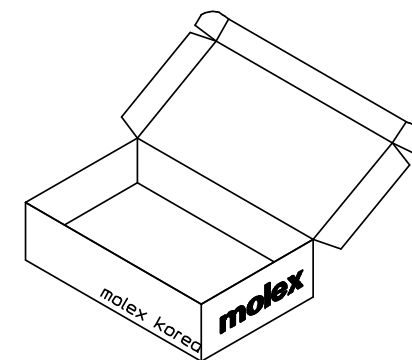
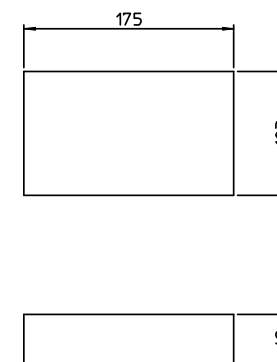
- PRODUCT SPECIFICATION NO. : PS-68183-001
- APPLICATION
BESIDES THE TRANSMITTER, RECEIVER,
FOLLOWING ACCESSARIES ARE NECESSARY
TO USE.
- AC-DC POWER ADAPTER : 68183-0005 (USA)
68183-0006 (UK)
68183-0007 (EUROPE)
(POWER ADAPTERS MUST BE PURCHASED SEPERATELY)
- LC DUPLEX CABLE ASSEMBLY : CONTACT FACTORY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

AC-DC POWER
ADAPTER



Application Example

LC DUPLEX
CABLE ASS'Y"



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
CHKD:YSOOKIM
2008/06/12
APPR:YUNSIKKIM

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

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

MATERIAL NO.
SEE TABLE

SCALE
1:1

DESIGN UNITS
METRIC

THIRD ANGLE
PROJECTION

OPTICAL GRAPHIC
EXTENSION MODULE
TX

molex MOLEX INCORPORATED

DOCUMENT NO.
SD-68183-001

SHEET NO.
1 OF 1

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX
INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION