

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

**Part Number:** [0887419400](#)  
**Status:** **Active**  
**Description:** MicroCross™ DVI Digital Visual Interface, Shielded I/O Adapter, DVI-I-Analog/Digital Receptacle to DVI Digital Plug

**Documents:**

[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**General**

Product Family	I/O Connectors
Series	88744
Application	Wire-to-Board
Comments	DVI-I-Analog/Digital Receptacle to DVI Digital Plug
Component Type	Adapter
Product Name	MicroCross™DVI
Type	N/A

**Physical**

Circuits (Loaded)	29
Circuits (maximum)	29
Color - Resin	Black, Natural
Durability (mating cycles max)	100
Lock to Mating Part	Yes
Material - Metal	Phosphor Bronze, Steel
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic, Polyester
Orientation	Vertical
PCB Retention	Yes
Packaging Type	Bag
Panel Mount	No
Pitch - Mating Interface (in)	0.075 In, 0.100 In
Pitch - Mating Interface (mm)	1.90 mm, 2.54 mm
Plating min: Mating (µin)	10, 2
Plating min: Mating (µm)	0.05, 0.25
Plating min: Termination (µin)	150
Plating min: Termination (µm)	3.75, 3.80
Polarized to Mating Part	Yes
Surface Mount Compatible (SMC)	N/A
Temperature Range - Operating	-20°C to +85°C
Termination Interface: Style	N/A, Through Hole
Wire Size AWG	N/A

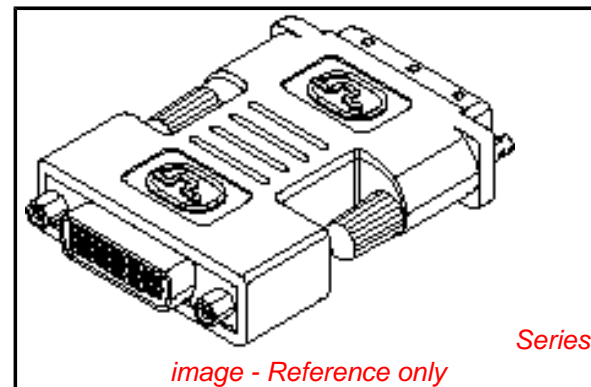
**Electrical**

Current - Maximum per Contact	3A
Shielded	Yes
Voltage - Maximum	40V

**Material Info**

**Reference - Drawing Numbers**

Sales Drawing	SD-88741-015
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*image - Reference only*

**EU RoHS**

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

**China RoHS**



**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](#)

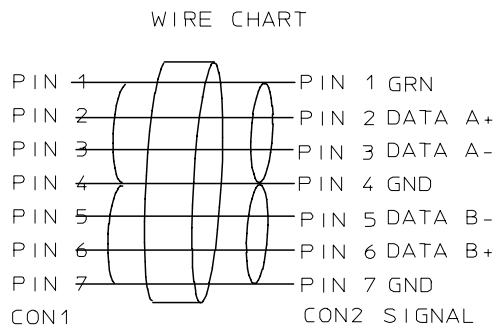
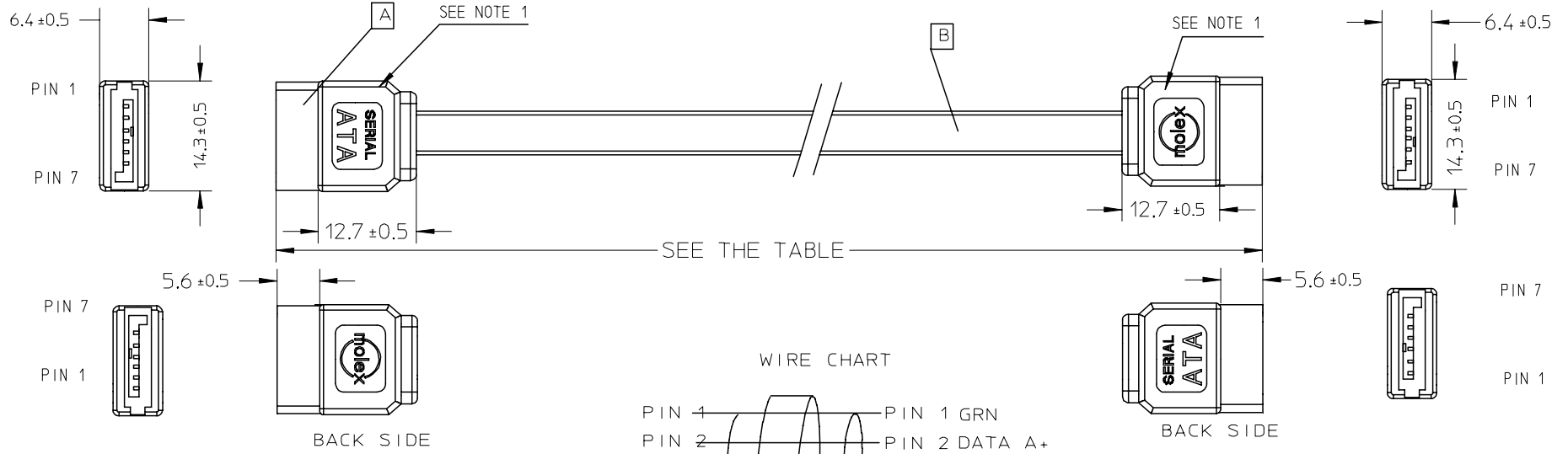
Please visit the [Contact Us](#) section for any non-product compliance questions.

**Search Parts in this Series**

88744Series

**Mates With**

74320 receptacles



887505310	500+/-10	887808051	SATA SIGNAL CABLE, 0.5m GREY
887505300	500+/-10	887808404	SATA SIGNAL CABLE, 0.5m RED
887505318	500+/-10	887808052	SATA SIGNAL CABLE, 0.5m RED
Molex P/N	Length (mm)	Raw Cable P/N	Description

B	S-ATA DATA CABLE (SEE THE TABLE)	N/A	1
A	CONNECTOR GOLD PLATING 674898002		2
ITEM	DESCRIPTION	L (MM)	QTY

NOTE:

1. OUTER MOLD WITH BLACK PVC RESIN 887800019  
INNER MOLD WITH PE RESIN 887800008
2. ELECTRICAL PERFORMANCE:  
ALL TEST DUABILITY: 0.01 SEC).  
2.1. DIELECTRIC STRENGTH: 500V DC  
2.2. INSULATION RESISTANCE: 100M OHMS MIN.  
2.3. CONDUCTIVE RESISTOR: 2 OHMS MAX.

ENTER DESCRIPTION	QUALITY SYMBOLS
EC NO: DG2005-0120	▽=0
DRWN: JLIU13 2005/03/31	∇=0
CHKD: TEDDY 2005/03/31	
APPR: TKAN 2005/04/01	
DESCRIPTION	
REV	

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 ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
DRAWN BY JLIU13	DATE 2005/03/31	TITLE S-ATA RED 0.5M CABLE ASS'Y		
CHECKED BY TEDDY	DATE 2005/03/31	APPROVED BY BORON		
MATERIAL NO. 887505318		DOCUMENT NO. SD-88750-5318	SHEET NO. 1 OF 1	
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