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Part Number: [0887685500](#)
Status: **Active**
Overview: [dms59](#)
Description: 1.27mm (.050") Pitch DMS-59® (M)-to-Two DVI-D(M) Adapters Cable Assembly, 2.0m (6.56') Length

Documents:

[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-88768-55XX \(PDF\)](#)

General

Product Family Cable Assemblies
 Series [88759](#)
 Connector to Connector DMS-59™-to-DVI-D
 Overview [dms59](#)
 Product Name DMS59®

Physical

Cable Length 2.0m (6.56')
 Circuits (Loaded) 59
 Color - Resin Black
 Gender Male-Male
 Lock to Mating Part Yes
 Material - Metal Aluminum, Phosphor Bronze
 Material - Plating Mating Gold, n/a
 Material - Plating Termination Tin
 Material - Resin High Temperature Thermoplastic, Polyester
 Packaging Type Bag
 Pitch - Mating Interface (in) 0.050 In
 Pitch - Mating Interface (mm) 1.27 mm
 Plating min: Mating (µin) 10, 75
 Plating min: Mating (µm) 0.25, 1.875
 Plating min: Termination (µin) 100, 150
 Plating min: Termination (µm) 2.5, 3.75
 Single Ended No
 Termination Interface: Style N/A, Solder or Weld, Through Hole
 Wire Insulation Diameter N/A
 Wire Size AWG 30
 Wire/Cable Type Round

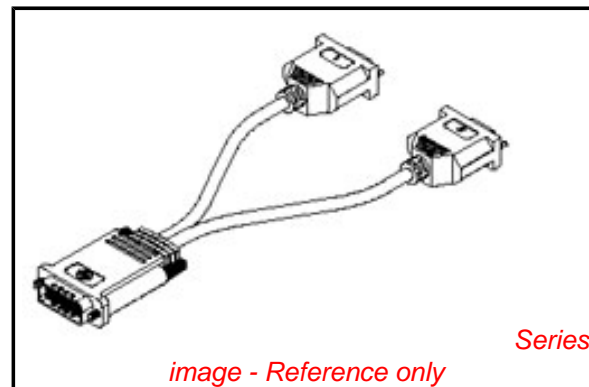
Electrical

Current - Maximum per Contact 1A
 Impedance 100 ohms
 Shielded Yes
 Voltage - Maximum 30V AC

Material Info

Reference - Drawing Numbers

Product Specification [PS-88768-55XX](#)
 Sales Drawing [SD-88744-099](#), [SD-88768-099](#)



EU RoHS

RoHS Compliant by Exemption
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

[88759Series](#)

NOTE:1. OVERMOLD SPECIFICATION

- 1.1 DMS59 BOOT MOLDED WITH SNOW WHITE PVC RESIN,UL 94V-0.
- 1.2 DVI BOOT MOLDED WITH SNOW WHITE PVC RESIN,UL 94V-0.

2. MECHANICAL SPECIFICATION

- ▽2.1 CABLE SHOULD STAND THE PULL FORCE 89-111N FOR 30 SECONDS WITH NO VISIBLE TERMINATION DAMAGE.
- 2.2 CABLE SHOULD PASS THE FLEX TEST IN 100 CYCLES AT EACH OF PLANES, PER EIA 364-41, CONDITION 1.

3. PRODUCT ELECTRICAL SPECIFICATION

- ▽3.1 DIELECTRIC STRENGTH: 300V DC FOR 10mS.
- ▽3.2 INSULATION RESISTANCE: 20 MEGA Ohms(MIN.).
- ▽3.3 CONTACT RESISTANCE: 2 Ohms(MAX.).
- ▽3.4 DIFFERENTIAL LINES CHARACTERISTIC IMPEDANCE: 100±7 Ohms @TDR.
- 3.5 SIGNALS CROSSTALK(FEXT): 5% (MAX.) PER ANSI/EIA-364-90.
- 3.6 SIGNALS INTRA-PAIR SKEW (PER CABLE): <150 ps.
- 4.CONNECTOR PLATING: AU FLASH PLATING.
- 5.SHORTCIRCUIT AMONG DRAIN WIRES IS ACCEPTABLE.
- 6.SCREW SPEC.:4-40 UNC.

MATERIAL LIST:

F	LABEL	I
E	DVI THUMB SCREW (4-40UNC)	4
D	DVI_D SINGLE CHANNEL G/F CONNECTOR	2
C	LFH SCREW (4-40UNC)	2
B	DMS-59 PLUG ASSY(NATURE)	1
A	DVI-D SINGLE LINK CABLE	2
ITEM	DESCRIPTION	QTY.

TABLE A

MX-P/N	DESCRIPTION	LENGTH
88768-5510	DMS59(M) TO TWO DVI-D(M) S/L CABLE 3M	3000±60
88768-5500	DMS59(M) TO TWO DVI-D(M) S/L CABLE 2M	2000±50

ENTER DESCRIPTION EC NO: DG2008-0035 DRWN: JLIU13 CHKD:BLAU APPR:BLAU	2007/11/07 2007/11/16 2007/12/07	DESCRIPTION REV	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
			▼=0 ▽=0	mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± --- ± --- 1 PLACE ± --- ± --- ANGULAR ± ---°	MM/IN DRAWN BY DATE JLIU13 2007/11/07 CHECKED BY DATE BLAU 2007/11/07 APPROVED BY DATE BLAU 2007/11/07	---	METRIC	TITLE DMS59(M) TO TWO DVI-D(M) CABLE ASS'Y
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SEE TABLE A	MATERIAL NO. DOCUMENT NO. SHEET NO. MOLEX INCORPORATED SD-88744-099 3 OF 3			
			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					