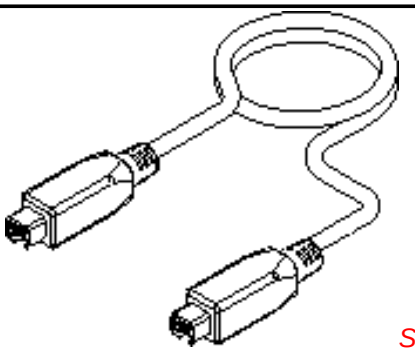
molex
one company > a world of innovation

This document was generated on 05/25/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 0687690029
Status: Active
Overview: ieee_1394
Description: IEEE 1394B Beta 9-pin-to-9-pin Cable Assembly, 4.50m (14.76') Length

Documents:
Drawing (PDF)
RoHS Certificate of Compliance (PDF)
Product Specification PS-68769-001 (PDF)



Series image - Reference only

General

Product Family	Cable Assemblies
Series	68769
Connector to Connector	IEEE1394b-2002 Both Ends
Overview	ieee_1394
Product Name	IEEE 1394

Physical

Cable Length	4.50m (14.76')
Circuits (Loaded)	9
Gender	Male-Male
Lock to Mating Part	Yes
Packaging Type	Bag
Single Ended	No
Wire Insulation Diameter	N/A
Wire Size AWG	N/A
Wire/Cable Type	Round

Electrical

Current - Maximum per Contact	1.5A
Impedance	110 ohms
Shielded	Yes
Voltage - Maximum	30V

Material Info

Reference - Drawing Numbers

Product Specification	PS-68769-001
Sales Drawing	SD-68769-029

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

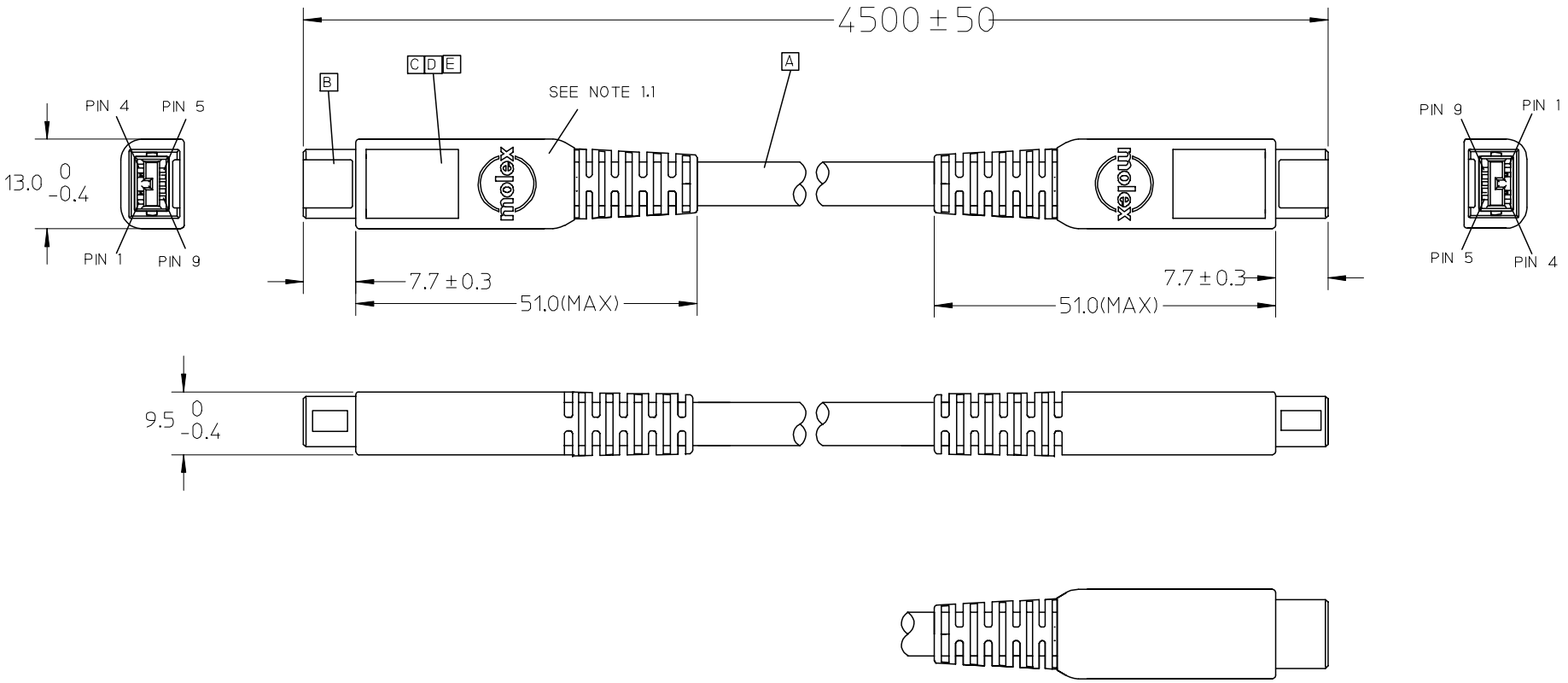
Please visit the Contact Us section for any non-product compliance questions.

Search Parts in this Series
68769Series

Mates With
44647 IEEE 1394b-2002 Shielded I/O PCB Bilingual Socket

This document was generated on 05/25/2010

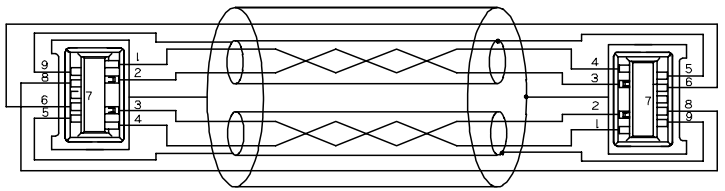
PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION



ENTER DESCRIPTION EC NO: DG2006-0086 2005/10/15 DRWN: JFZHENG 2005/10/17 CH'KD: 2006/08/25 APPR: DQLUO	DESCRIPTION	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: ---	DESIGN UNITS: METRIC	THIRD ANGLE PROJECTION
1	REV			DRAWN BY: JFZHENG DATE: 2005/10/13 CHECKED BY: JFZHENG DATE: 2005/10/13 APPROVED BY: DQLUO DATE: 2005/10/13 MATERIAL NO.: 68769-0029	TITLE: IEEE1394 9P TO 9P CABLE ASS'Y MOLEX INCORPORATED DOCUMENT NO.: SD-68769-029 SHEET NO.: 1 OF 2		

SIZE A4

WIRING DIAGRAM:



MATERIAL LIST:

ITEM	DESCRIPTION	L	QTY.
E	1394B SOLDER I/O CONN. 172000528		2
D	1394B REAR SHELL OD=6.9mm:172000531		2
C	1394B FRONT SHELL OD=6.9mm:172000562		2
B	1394 9PIN BETA PLUG 172000532		2
A	2P*26+2C*22:SHLD:PVC:GY:6.90MM:IEEE1394b:887808509	4.5M Ref.	1

NOTE:1. OVERMOLD SPECIFICATION

1.1 INNER MOLD WITH PE RESIN 887800008

2.1 OVERMOLD MOLDED WITH GREY PVC RESIN.887800152

2. CONNECTOR NEED TO BE 360 DEG. SOLDERING.

PIN OUT TABLE

Plug1: Beta plug contact number	Signal name at plug 1 end:cable as difined in this standard	Plug2: Beta plug contact number
1	TPB*(Twisted pair B Minus) (RED)	3
2	TPB(Twisted pair B Plus) GREEN)	4
3	TPA*(Twisted Pair A minus) (LBUE)	1
4	TPA(Twisted pair A Plus) (ORGANGE)	2
5	TPA(R)(Twisted Pair A Ground Rederence)	9
6	VG(Power Ground) (BLACK)	6
7(no connection)	NO connection	7(no connection)
8	Vp(Power Voltage) (WHITE)	8
9	TPB(R)(Twisted Pair B Ground Reference)	5
plug shield	Cable Shield Ground	Plug shield

ENTER DESCRIPTION
EC NO: DG2006-0086 2005/10/15
DRWN: JFZHENG 2005/10/17
CH'KD: 2006/08/25
APPR: DQLUO
DESCRIPTION
1
REV

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: ---
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY: JFZHENG DATE: 2005/10/13
CHECKED BY: JFZHENG DATE: 2005/10/13
APPROVED BY: DQLUO DATE: 2005/10/13

TITLE: IEEE1394 9P TO 9P CABLE ASS'Y

MOLEX INCORPORATED

MATERIAL NO.: 68769-0029
DOCUMENT NO.: SD-68769-029
SHEET NO.: 2 OF 2

SIZE A4