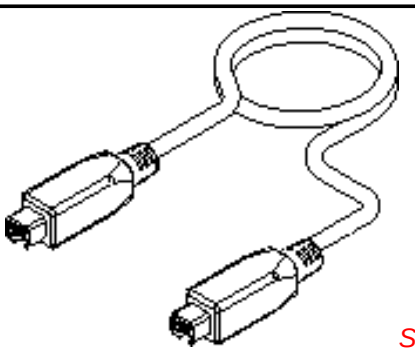
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Part Number: 0687690027
Status: Active
Overview: ieee_1394
Description: IEEE 1394B Beta 9-pin-to-9pin Cable Assembly, 1.0m (3.28') Length



Series image - Reference only

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

General

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

Physical

Cable Length	1.0m (3.28')
Circuits (Loaded)	9
Color - Resin	Natural
Gender	Male-Male
Lock to Mating Part	Yes
Material - Resin	Low Density Polyethylene
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-68769-027

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

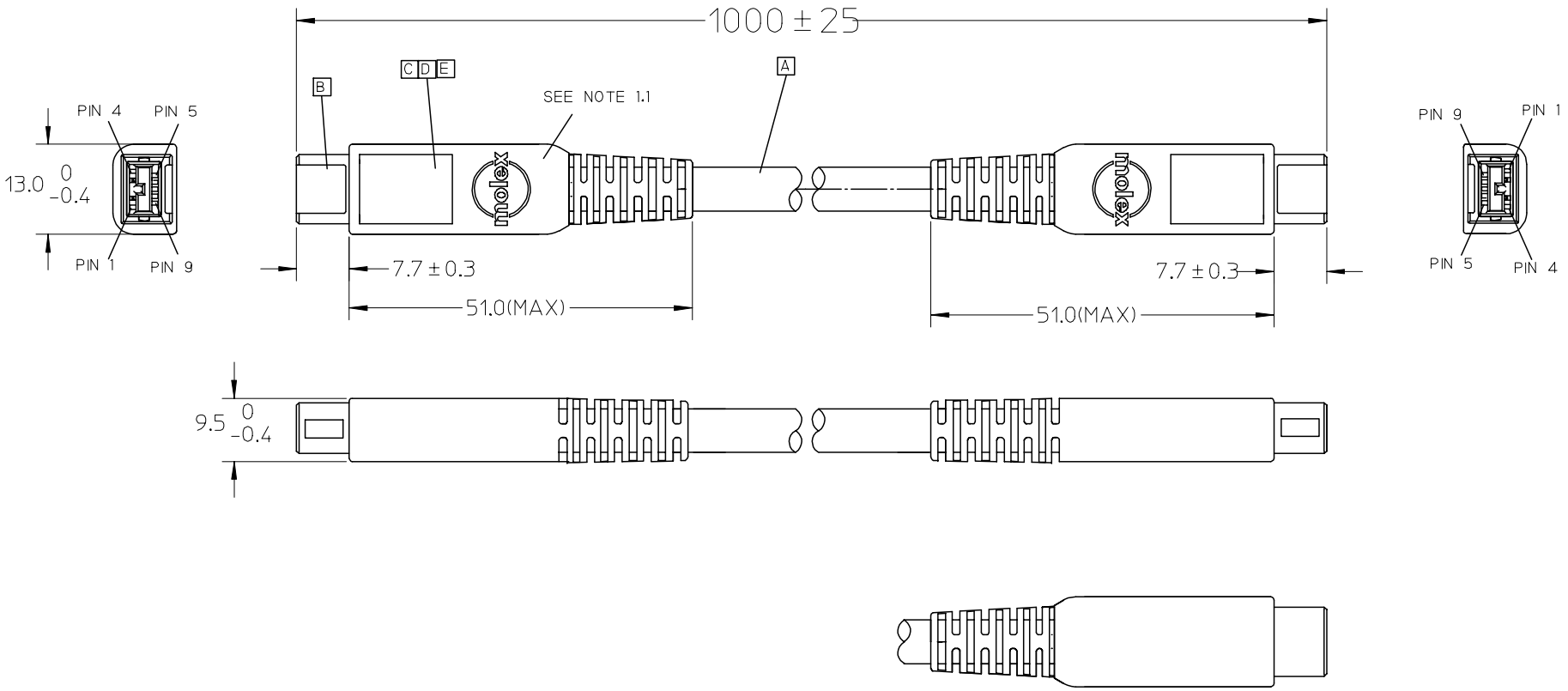
Please visit the Contact Us section for any non-product compliance questions.

Search Parts in this Series
68769Series

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

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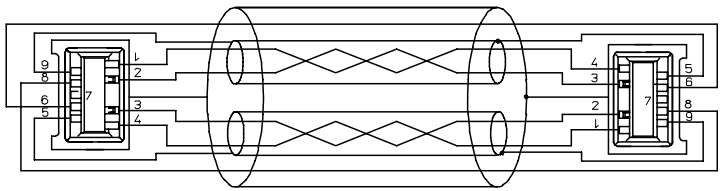
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ENTER DESCRIPTION EC NO: DG2006-0086 2005/10/15 DRWN: JFZHENG 2005/10/17 CH'KD: APPR: DQLUO 2006/08/25	DESCRIPTION	QUALITY SYMBOLS ▼=0 Ⓒ=0	GENERAL TOLERANCES (UNLESS SPECIFIED) mm / INCH 4 PLACES ± --- / ± --- 3 PLACES ± --- / ± --- 2 PLACES ± --- / ± --- 1 PLACE ± --- / ± --- ANGULAR ±1/2° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DIMENSION STYLE: MM ONLY	SCALE: ---	DESIGN UNITS: METRIC	THIRD ANGLE PROJECTION
1	REV			DRAWN BY: JFZHENG DATE: 2005/06/20 CHECKED BY: JFCHENG DATE: 2005/06/20 APPROVED BY: DQLUO DATE: 2005/06/20 MATERIAL NO.: 687690027	TITLE: 1394B BETA 9P TO 9P 1M GREY CABLE ASS'Y molex MOLEX INCORPORATED DOCUMENT NO.: SD-68769-027 SHEET NO.: 1 OF 2		

SIZE A4 THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

WIRING DIAGRAM:



MATERIAL LIST:

ITEM	DESCRIPTION	L	QTY.
E	1394B SOLDER I/O CONN. 172000528		2
D	1394B REAR SHELL,172000530		2
C	1394B FRONT SHELL,172000529		2
B	1394 9PIN BETA PLUG 172000532		2
A	2P*30+2C*26,SHLD,PVC,GY,5.50MM,IEEE1394b,887808510	1M Ref.	1

NOTE:
1. OVERMOLD SPECIFICATION
   1.1 INNER MOLD WITH PE RESIN 887800008
   1.2 OVERMOLD MOLDED WITH GREY PVC RESIN.887800152
2. METAL SHELL AND BRAID WIRE SHOULD BE SOLDERED 360 DEG.

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: APPR: DQLUO 2006/08/25
DESCRIPTION
1
REV

QUALITY SYMBOLS
▼=0
Ⓒ=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

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

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

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

DRAWN BY: JFZHENG DATE: 2005/06/20
CHECKED BY: JFCHENG DATE: 2005/06/20
APPROVED BY: DQLUO DATE: 2005/06/20

TITLE: 1394B BETA 9P TO 9P 1M GREY CABLE ASS'Y

MOLEX INCORPORATED

MATERIAL NO.: 687690027
DOCUMENT NO.: SD-68769-027
SHEET NO.: 2 OF 2

SIZE A4

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