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Part Number: [0687690024](#)
Status: **Active**
Overview: [ieee_1394](#)
Description: IEEE 1394B Bilingual 9-pin-to-6-pin Cable Assembly, 1.0m (3.28') Length

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

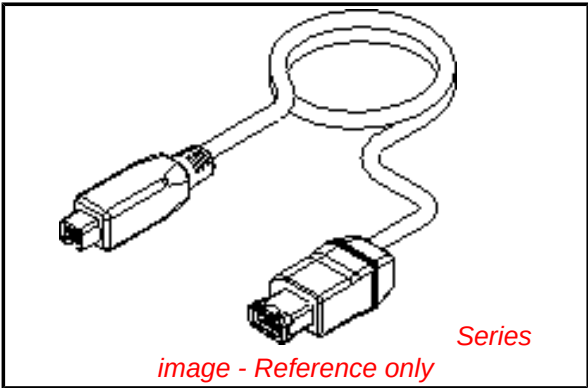
General
Product Family Cable Assemblies
Series [68769](#)
Connector to Connector IEEE 1394b-2002-to-IEEE 1394-1
Overview [ieee_1394](#)
Product Name IEEE 1394

Physical
Cable Length 1.0m (3.28')
Circuits (Loaded) 6, 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-68769-024



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

China RoHS

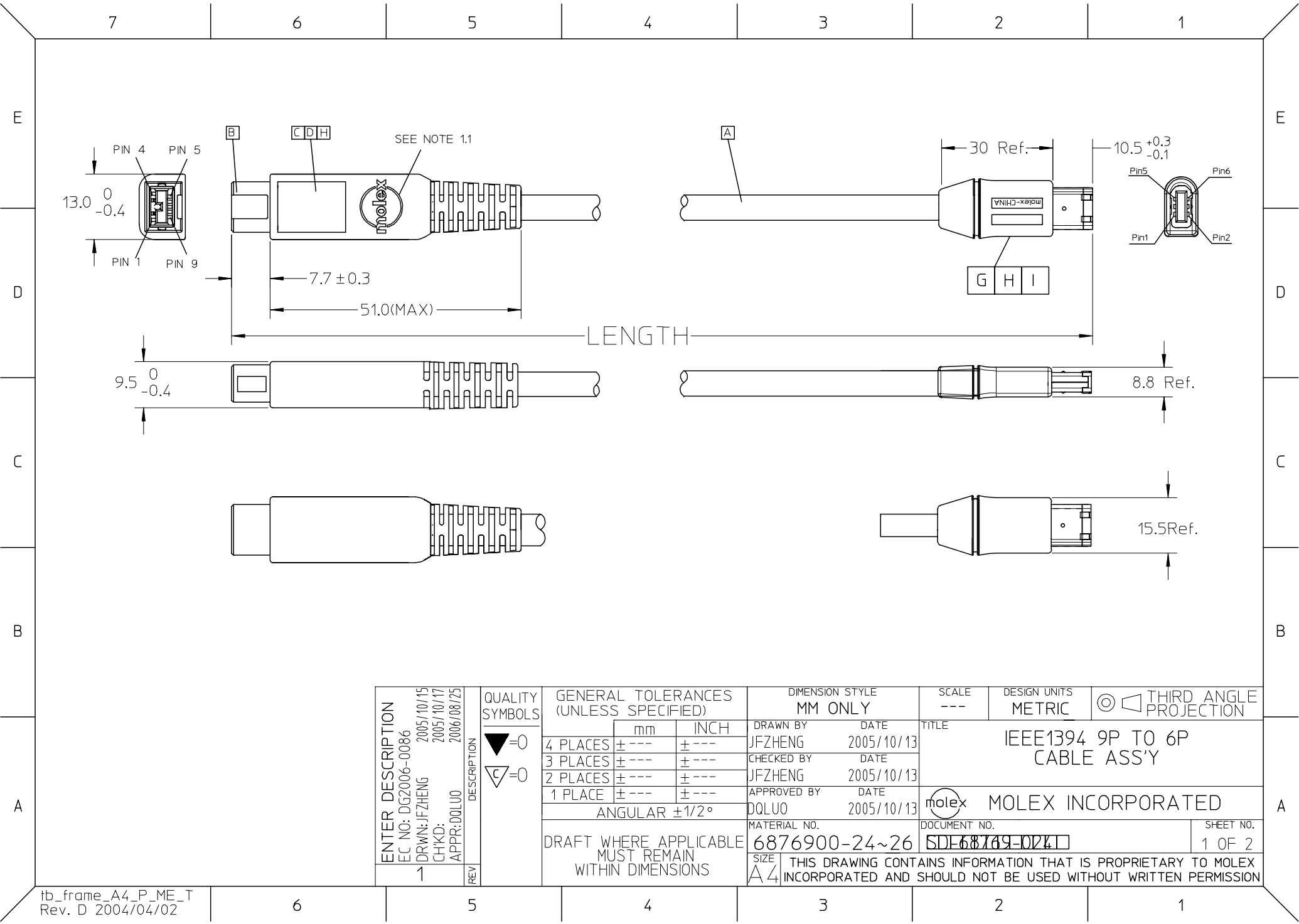


Need more information on product environmental compliance?
Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, [click here](#)
Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series
[68769Series](#)

Mates With
[44647](#) IEEE 1394b-2002 Shielded I/O PCB Bilingual Socket.
[53462](#) IEEE 1394-1995 Shielded I/O PCB Socket

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ENTER DESCRIPTION EC NO: DG2006-0086 DRWN: JFZHENG CHKD: APPR: DQLUO REV		DESCRIPTION REV	QUALITY SYMBOLS ▽=0 ▽F=0	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	◎ □ THIRD ANGLE PROJECTION
					mm	INCH	DRAWN BY JFZHENG	DATE 2005/10/13	TITLE IEEE1394 9P TO 6P CABLE ASS'Y		
				4 PLACES	± ---	± ---	CHECKED BY JFZHENG	DATE 2005/10/13			
				3 PLACES	± ---	± ---	APPROVED BY DQLUO	DATE 2005/10/13			
				2 PLACES	± ---	± ---	MATERIAL NO. 6876900-24~26				
1 PLACE	± ---	± ---	MOLEX INCORPORATED								
ANGULAR ±1/2°											
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS											
				SIZE A4		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

7	6	5	4	3	2	1																																				
WIRING DIAGRAM:																																										
PIN OUT TABLE<table><tr><th>Plug1: IEEE1394-1995 6-circuit plug contact number</th><th>Signal name at plug 2 end: IEEE Std 1394-1995 cable reference</th><th>Plug2: Bilingual plug contact number</th></tr><tr><td>5</td><td>TPB*(Twisted pair B Minus) (RED)</td><td>1</td></tr><tr><td>6</td><td>TPB(Twisted pair B Plus) (GREEN)</td><td>2</td></tr><tr><td>3</td><td>TPA*(Twisted Pair A minus) (BLUE)</td><td>3</td></tr><tr><td>4</td><td>TPA(Twisted pair A Plus) (Orange)</td><td>4</td></tr><tr><td>2</td><td>TPA(R)X Twisted Pair A Ground Rederence)</td><td>5</td></tr><tr><td>2</td><td>VG(Power Ground)</td><td>6</td></tr><tr><td>no connection</td><td>NO connection</td><td>7(no connection)</td></tr><tr><td>1</td><td>Vp(Power Voltage)</td><td>8</td></tr><tr><td>2</td><td>TPB(R)X Twisted Pair B Ground Reference)</td><td>9</td></tr><tr><td>PLUG SHIELD</td><td>Cable Shield Ground</td><td>Plug shield</td></tr></table>							Plug1: IEEE1394-1995 6-circuit plug contact number	Signal name at plug 2 end: IEEE Std 1394-1995 cable reference	Plug2: Bilingual plug contact number	5	TPB*(Twisted pair B Minus) (RED)	1	6	TPB(Twisted pair B Plus) (GREEN)	2	3	TPA*(Twisted Pair A minus) (BLUE)	3	4	TPA(Twisted pair A Plus) (Orange)	4	2	TPA(R)X Twisted Pair A Ground Rederence)	5	2	VG(Power Ground)	6	no connection	NO connection	7(no connection)	1	Vp(Power Voltage)	8	2	TPB(R)X Twisted Pair B Ground Reference)	9	PLUG SHIELD	Cable Shield Ground	Plug shield			
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