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Part Number: [0687690021](#)
Status: **Active**
Overview: [ieee_1394](#)
Description: IEEE 1394B Bilingual 9-pin-to-4-pin Cable Assembly, 1.0m (3.28') Length

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

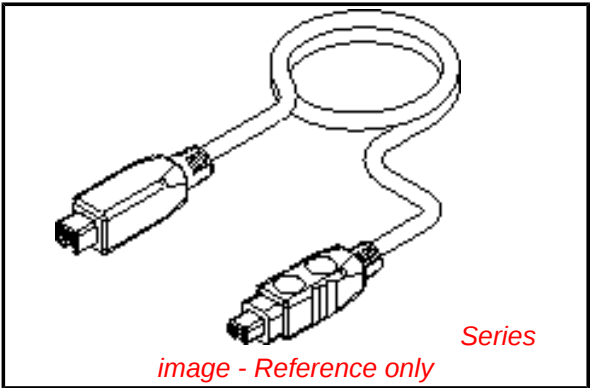
General
Product Family Cable Assemblies
Series [68769](#)
Connector to Connector IEEE1394b-2002 Both Ends
Overview [ieee_1394](#)
Product Name IEEE 1394

Physical
Cable Length 1.0m (3.28')
Circuits (Loaded) 4, 9
Color - Resin Natural
Gender Plug
Lock to Mating Part Yes
Material - Resin Low Density Polyethylene
Packaging Type Bag
Pitch - Mating Interface (in) 0.031 In
Pitch - Mating Interface (mm) 0.80 mm
Single Ended No
Waterproof / Dustproof 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
Shield Type Full Shield
Shielded Yes
Voltage - Maximum 30V DC

Material Info

Reference - Drawing Numbers
Product Specification PS-68769-001
Sales Drawing SD-68769-021



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

China RoHS

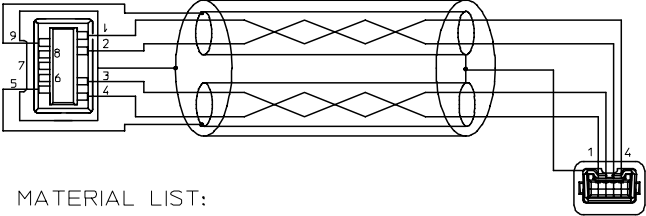


Need more information on product environmental compliance?
Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, [click here](#)
Please visit the [Contact Us](#) section for any non-product compliance questions.

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

Mates With
[44647](#) IEEE 1394b-2002 Shielded I/O PCB Bilingual Socket. [54515](#) IEEE P1394a Shielded I/O PCB Socket

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7	6	5	4	3	2	1																																																																													
WIRING DIAGRAM:  MATERIAL LIST: <table><tr><td>I</td><td>1394B SOLDER I/O CONN. 172000528</td><td></td><td>1</td></tr><tr><td>J</td><td>MOLD COVER 887899625</td><td></td><td>1</td></tr><tr><td>H</td><td>MOLD CASE 887899692</td><td></td><td>1</td></tr><tr><td>G</td><td>SHIELD CASE 887899624</td><td></td><td>1</td></tr><tr><td>F</td><td>SHIELD CASE CAP 887899623</td><td></td><td>1</td></tr><tr><td>E</td><td>PLUG 887899622</td><td></td><td>1</td></tr><tr><td>D</td><td>1394B REAR SHELL,172000530</td><td></td><td>1</td></tr><tr><td>C</td><td>1394B FRONT SHELL,172000529</td><td></td><td>1</td></tr><tr><td>B</td><td>1394 9PIN BILINGUAL PLUG 172000533</td><td></td><td>1</td></tr><tr><td>A</td><td>2P*32AWG+F,SHLD,PVC,GY,4.2MM,1394 4P, 887808446</td><td></td><td>1</td></tr><tr><td>ITEM</td><td>DESCRIPTION</td><td>L</td><td>QTY.</td></tr></table> PIN OUT TABLE <table><tr><th>Plug1: IEEE1394-1995 4-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>3</td><td>TPB*(Twisted pair B Minus) (RED)</td><td>1</td></tr><tr><td>4</td><td>TPB(Twisted pair B Plus) (GREEN)</td><td>2</td></tr><tr><td>1</td><td>TPA*(Twisted Pair A minus) (BLUE)</td><td>3</td></tr><tr><td>2</td><td>TPA(Twisted pair A Plus) (Orange)</td><td>4</td></tr><tr><td>plug shield</td><td>TPA(R) Twisted Pair A Ground Rederence)</td><td>5</td></tr><tr><td>no connection</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>no connection</td><td>Vp(Power Voltage)</td><td>8</td></tr><tr><td>plug shield</td><td>TPB(R)Twisted Pair B Ground Reference)</td><td>9</td></tr><tr><td>no connection</td><td>Cable Shield Ground</td><td>Plug shield</td></tr></table> NOTE: 1. 9PIN OVEROLD WITH GREY PVC 887800152. 4PIN OVERMOLD WITH GREY PVC 887800153							I	1394B SOLDER I/O CONN. 172000528		1	J	MOLD COVER 887899625		1	H	MOLD CASE 887899692		1	G	SHIELD CASE 887899624		1	F	SHIELD CASE CAP 887899623		1	E	PLUG 887899622		1	D	1394B REAR SHELL,172000530		1	C	1394B FRONT SHELL,172000529		1	B	1394 9PIN BILINGUAL PLUG 172000533		1	A	2P*32AWG+F,SHLD,PVC,GY,4.2MM,1394 4P, 887808446		1	ITEM	DESCRIPTION	L	QTY.	Plug1: IEEE1394-1995 4-circuit plug contact number	Signal name at plug 2 end: IEEE Std 1394-1995 cable reference	Plug2: Bilingual plug contact number	3	TPB*(Twisted pair B Minus) (RED)	1	4	TPB(Twisted pair B Plus) (GREEN)	2	1	TPA*(Twisted Pair A minus) (BLUE)	3	2	TPA(Twisted pair A Plus) (Orange)	4	plug shield	TPA(R) Twisted Pair A Ground Rederence)	5	no connection	VG(Power Ground)	6	no connection	NO connection	7(no connection)	no connection	Vp(Power Voltage)	8	plug shield	TPB(R)Twisted Pair B Ground Reference)	9	no connection	Cable Shield Ground	Plug shield
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