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Part Number: [0887511410](#)
Status: **Active**
Overview: [serial ata products](#)
Description: 1.27mm (.050") Pitch , Serial ATA Power-to-pigtail Cable Assembly, Crimping Type, 1.50m (4.92') Length, Gold Flash (5V+12V), Leadfree

Documents:

[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

General

Product Family	Cable Assemblies
Series	88755
Connector to Connector	Serial ATA-to-Pigtail
Overview	serial ata products
Product Name	Serial ATA

Physical

Cable Length	1.50m (4.92')
Circuits (Loaded)	4
Color - Resin	Black
Gender	Female-Pigtail
Lock to Mating Part	Yes
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	Polyester
Packaging Type	Bag
Pitch - Mating Interface (in)	0.050 In
Pitch - Mating Interface (mm)	1.27 mm
Plating min: Mating (µin)	2
Plating min: Mating (µm)	0.05
Plating min: Termination (µin)	75
Plating min: Termination (µm)	1.875
Single Ended	Yes
Termination Interface: Style	Crimp or Compression
Wire Insulation Diameter	N/A
Wire Size AWG	18
Wire/Cable Type	PVC

Electrical

Current - Maximum per Contact	1.5A
Impedance	100 ohms
Shielded	No
Voltage - Maximum	40V

Material Info

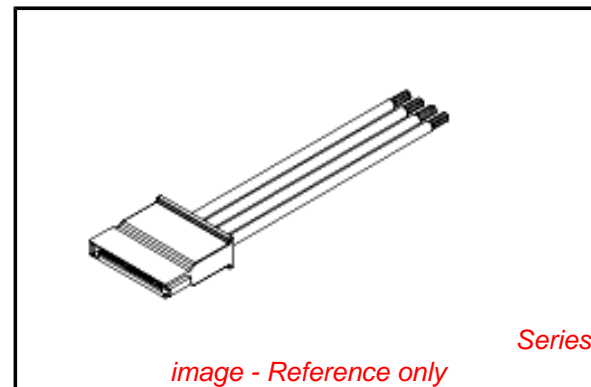


image - Reference only

EU RoHS

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

China RoHS



**Need more information on product
environmental compliance?**

Email productcompliance@molex.com
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

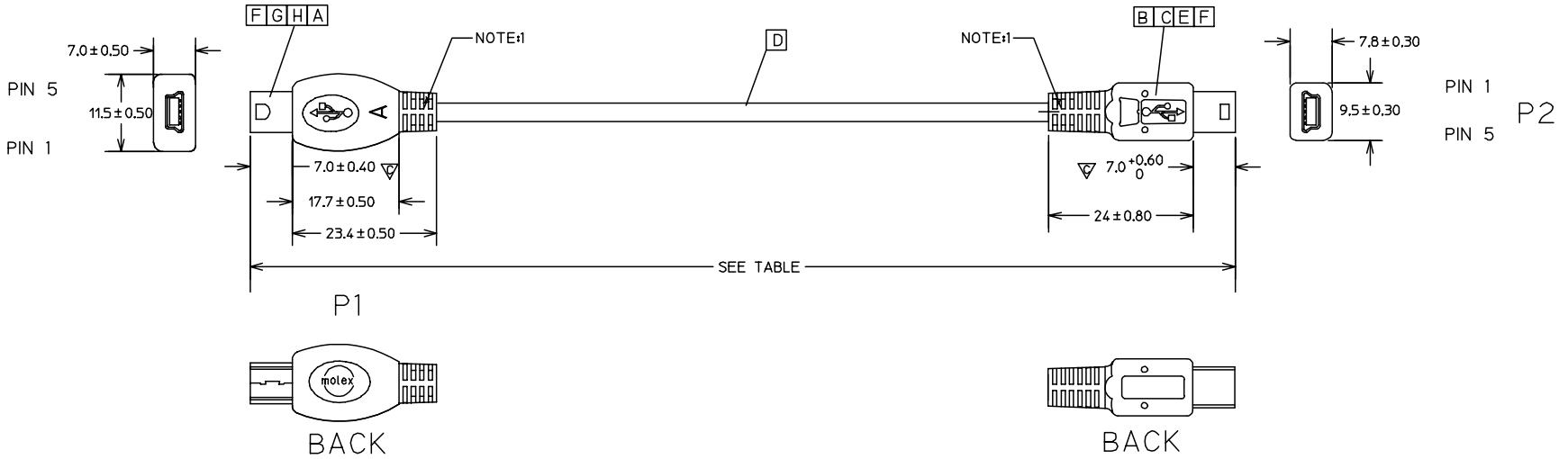
Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series
[88755Series](#)

7 6 5 4 3 2 1

E
D
C
B
A

E
D
C
B
A



- NOTE:
PHYSICAL
- MOLDED WITH PVC RESIN (SEE TABLE)
 - ANY SURFACE ON MINI A SIDE CAN HAVE TEXTURING UP TO 0.3mm ABOVE OR BELOW THE SURFACE,
 - A CIRCULAR AREA AROUND THE LETTER 'A' CAN BE RAISED OR LOWERED AS MUCH AS 0.5mm ABOVE THE SURFACE,
 - STICK UL LABEL ON EACH CARTON.
5. ELECTRICAL PERFORMANCE:
ALL TEST DUABILITY:0.01 SEC.
5.1. DIELECTRONIC STRENGTH:500V DC
5.2. INSULATION RESISTANCE:100M OHMS
5.3. CONDUCTIVE RESISTANCE:3 OHMS
6. ALL COMPOUNENT MUST MEET RoHS COMPLIANCE.

H	MINI A PLUG REAR SHELL	887899020	1
G	MINI A PLUG FRONT SHELL	887899019	1
F	COPPER FOIL	887801114	2
E	USB SERIES MINI-B PLUG COVER SHIELD	675460000	1
D	USB CABLE #28/#24 (SEE TABLE)		
C	USB SERIES MINI-B PLUG SHIELD CASE	675450000	1
B	MINI-B PLUG	675420008	1
A	MINI A PLUG HOUSING	887899018	1

SHELL	SHELL	SHIELDING	BRAID WIRE
4 & 5	5	GROUND	BLACK
3	3	+DATA	GREEN
2	2	-DATA	WHITE
1	1	VCC	RED
P 1	P 2	SIGNAL NAME	WIRE COLOR

ITEM	DESCRIPTION	L	QTY.

ENTER DESCRIPTION EC NO: DG2006-0150 DRWN: JFZHENG CHKD: APPR: DQLUO	QUALITY SYMBOLS ▽=0 ▽=3	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
			mm	INCH	DRAWN BY JFZHENG	DATE 2006/01/06	TITLE USB MINIA TO MINIB CABLE ASSY		
		4 PLACES	±---	±---	CHECKED BY JFZHENG	DATE 2006/01/06	MATERIAL NO. 8875381-86-00/10/20		
		3 PLACES	±---	±---	APPROVED BY DQLUO	DATE 2006/01/06	DOCUMENT NO. SD-887538200		
			2 PLACES	±---	±---	SHEET NO. 1 OF 2			
			1 PLACE	±---	±---	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS									

7 6 5 4 3 2 1

TABLE

88753-8610	2000±30	USB MINI-A TO MINI-B FROST WHT V1.1	88780-8249	88780-0043
88753-8510	1800±30	USB MINI-A TO MINI-B FROST WHT V1.1	88780-8249	88780-0043
88753-8410	1500±30	USB MINI-A TO MINI-B FROST WHT V1.1	88780-8249	88780-0043
88753-8310	1200±30	USB MINI-A TO MINI-B FROST WHT V1.1	88780-8249	88780-0043
88753-8210	1000±30	USB MINI-A TO MINI-B FROST WHT V1.1	88780-8249	88780-0043
88753-8110	800±30	USB MINI-A TO MINI-B FROST WHT V1.1	88780-8249	88780-0043
88753-8602	2000±30	USB MINI-A TO MINI-B BLACK V2.0	88780-8248	88780-0019
88753-8502	1800±30	USB MINI-A TO MINI-B BLACK V2.0	88780-8248	88780-0019
88753-8402	1500±30	USB MINI-A TO MINI-B BLACK V2.0	88780-8248	88780-0019
88753-8302	1200±30	USB MINI-A TO MINI-B BLACK V2.0	88780-8248	88780-0019
88753-8202	1000±30	USB MINI-A TO MINI-B BLACK V2.0	88780-8248	88780-0019
88753-8102	800±30	USB MINI-A TO MINI-B BLACK V2.0	88780-8248	88780-0019
88753-8600	2000±30	USB MINI-A TO MINI-B FROST WHT V2.0	88780-8243	88780-0043
88753-8500	1800±30	USB MINI-A TO MINI-B FROST WHT V2.0	88780-8243	88780-0043
88753-8400	1500±30	USB MINI-A TO MINI-B FROST WHT V2.0	88780-8243	88780-0043
88753-8300	1200±30	USB MINI-A TO MINI-B FROST WHT V2.0	88780-8243	88780-0043
88753-8200	1000±30	USB MINI-A TO MINI-B FROST WHT V2.0	88780-8243	88780-0043
88753-8100	800±30	USB MINI-A TO MINI-B FROST WHT V2.0	88780-8243	88780-0043
MX P/N	CABLE LENGTH	DESCRIPTION	CABLE P/N	RESIN P/N

ENTER DESCRIPTION EC NO: DG2006-0150 DRWN: JFZHENG CHKD: APPR: DQLUO	2006/01/09 2006/01/09 2006/01/16	QUALITY SYMBOLS ▽=0 ◻=3	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
				mm INCH	DRAWN BY JFZHENG	DATE 2006/01/06	TITLE USB MINIA TO MINIB CABLE ASSY			
				4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± --- ± --- 1 PLACE ± --- ± ---	CHECKED BY JFZHENG	DATE 2006/01/06	MOLEX INCORPORATED			
				ANGULAR ±1/2°	APPROVED BY DQLUO	DATE 2006/01/06	MATERIAL NO. 8875381-86-00/10/20	DOCUMENT NO. SD-887538200	SHEET NO. 2 OF 2	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							

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