



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



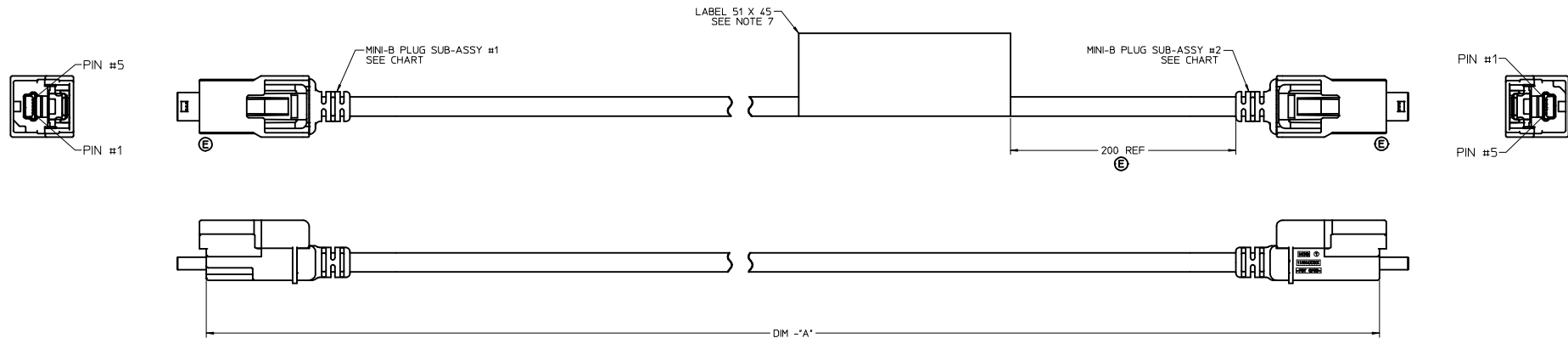
Contact us

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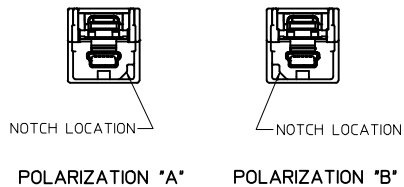
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Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



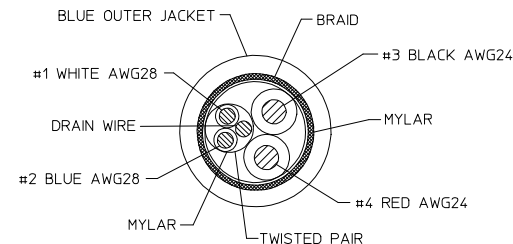


MINI-B POLARIZATION OPTIONS



WIRING DIAGRAM

SIGNAL NAME	CONTACT #	MINI-B IN-LINE (HOST)	MINI-B PLUG (TARGET)	CONTACT #	SIGNAL NAME
		WIRE COLORS	WIRE COLORS		
PWR	PIN 1	RED	RED	PIN 1	PWR
DOUT-/RIN-	PIN 2	WHITE	WHITE	PIN 2	DOUT-/RIN-
DOUT+/RIN+	PIN 3	BLUE	BLUE	PIN 3	DOUT+/RIN+
SIGNAL SHIELDING	PIN 4	SIGNAL SHIELD DRAIN WIRE	SIGNAL SHIELD DRAIN WIRE	PIN 4	SIGNAL SHIELDING
GND	PIN 5	BLACK	BLACK	PIN 5	GND
CABLE BRAID	SHELL	BRAID TO SHELL TERMINATION	BRAID TO SHELL TERMINATION	SHELL	CABLE BRAID



CABLE CONSTRUCTION
4-WIRE LVDS

NOTES:

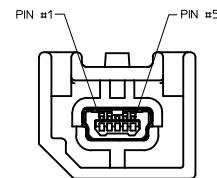
- PART MUST CONFORM TO THE ELECTRICAL CONNECTION SYSTEM DESIGN SPECIFICATION (SDS) VER 13, DATED 06-APR-06, TEMP CLASS *-40-85°C.
- PART MUST CONFORM TO THE LATEST LEVEL OF SAE/USCAR-30 & USB 2.0.
- ALL PLASTIC PARTS MUST HAVE MATERIAL IDENTIFICATION SYMBOLS CLEARLY MARKED, WHEREVER PACKAGE SIZE PERMITS.
- GENERAL TOLERANCES: ±0.25 ALL ONE PLACE DIMENSIONS, ±0.15 ALL TWO PLACE DIMENSIONS, AND ±0.5° ALL ANGULAR DIMENSIONS.
- 0.3MM MAXIMUM RADIUS PERMISSIBLE ON EDGES AND FILLETS SHOWN AS SHARP FOR PLASTIC PARTS.
- PARTS ARE TO BE FREE OF SCRATCHES, DISCOLORATION, SALT RESIDUE OR OTHER IMPERFECTIONS THAT MAY AFFECT FUNCTION OR FIT OF PART.
- IDENTIFICATION LABEL MUST DISPLAY CUSTOMER PART NUMBER IF REQUIRED, SUPPLIER PART NUMBER, DATE CODE (YYYYMMDD), REVISION, AND LOGO.
- LEAD FREE, NO ROHS EXEMPTIONS.
- FINISHES: TERMINAL: SELECTIVE GOLD (Au) IN THE CONTACT AREA, THICKNESS = 0.75 MICROMETER (30 MICROINCH) MINIMUM OVER NICKEL (Ni) OVERALL; THICKNESS = 1.25 MICROMETER (50 MICROINCH) MINIMUM.

CUSTOMER P/N
MOLEX P/N REV YYYYYMDDD

MOLEX LOGO

CUSTOMER P/N
MOLEX P/N REV YYYYYMDDD

LABEL FORMAT
LAST LETTER OF DATE CODE:
'D'= DAY SHIFT, 'N'= NIGHT SHIFT



MATING HEADER FOR MINI-B PLUGS
(POLARIZATION - A SHOWN)

MOLEX MAT. NO.	MINI-B POLARIZATION		DIM, A (mm)
	MINI-B PLUG #1	MINI-B PLUG #2	
111019-5000	A	B	500±10
111019-5001	A	A	500±10
111019-5002	B	B	500±10
111019-5005	A	A	1500±20
111019-5006	A	A	7000±100
111019-5009	A	A	1000±10

REVISED EC NO: CPG2013-2394 DRAWN: MARTINEZ 2012/04/11 CHKD: J.PAN/LCK 2012/04/11 APPR: KMONROE 2013/01/31	QUALITY SYMBOLS ∇=0 ∇=0 ∇=0	GENERAL TOLERANCES (UNLESS SPECIFIED) <table border="1"> <thead> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> </thead> <tbody> <tr> <td>4 PLACES</td> <td>±---</td> <td>±---</td> </tr> <tr> <td>3 PLACES</td> <td>±---</td> <td>±---</td> </tr> <tr> <td>2 PLACES</td> <td>±---</td> <td>±---</td> </tr> <tr> <td>1 PLACE</td> <td>±---</td> <td>±---</td> </tr> <tr> <td>0 PLACE</td> <td>±</td> <td>±</td> </tr> </tbody> </table>		mm	INCH	4 PLACES	±---	±---	3 PLACES	±---	±---	2 PLACES	±---	±---	1 PLACE	±---	±---	0 PLACE	±	±	DIMENSION STYLE MM ONLY	SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
		mm	INCH																					
	4 PLACES	±---	±---																					
	3 PLACES	±---	±---																					
2 PLACES	±---	±---																						
1 PLACE	±---	±---																						
0 PLACE	±	±																						
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRAWN BY: J. REEVES CHECKED BY: J. REEVES APPROVED BY: KMONROE	DATE: 2007/09/11 DATE: 2007/09/11 DATE: 2007/09/12	TITLE LVDS CABLE ASSY, 4-WIRE MINI-B PLUG STRT TO MINI-B PLUG STRT																				
MATERIAL NO. SEE CHART		DOCUMENT NO. SD-111019-1000		SHEET NO. 1 OF 1																				
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																								