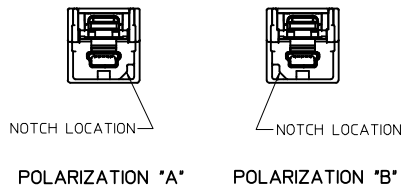
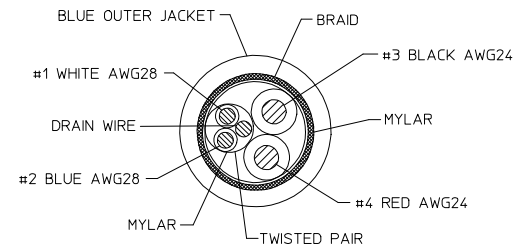


MINI-B POLARIZATION OPTIONS



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:

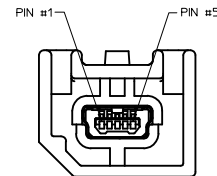
- PART MUST CONFORM TO THE ELECTRICAL CONNECTION SYSTEM DESIGN SPECIFICATION (SDS) VER 13, DATED 06-APR-06, TEMP CLASS \*-40-85°C.
- PART MUST CONFORM TO THE LATEST LEVEL OF SAE/USCAR-30 & USB 2.0.
- ALL PLASTIC PARTS MUST HAVE MATERIAL IDENTIFICATION SYMBOLS CLEARLY MARKED, WHEREVER PACKAGE SIZE PERMITS.
- 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



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 EEC 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) mm INCH 4 PLACES +--- +--- 3 PLACES +--- +--- 2 PLACES +--- +--- 1 PLACE +--- +--- 0 PLACE +--- +--- ANGULAR ± 1 ° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DIMENSION STYLE MM ONLY SCALE 2:1 DESIGN UNITS METRIC THIRD ANGLE PROJECTION	DRAWN BY DATE J. REEVES 2007/09/11 CHECKED BY DATE J. REEVES 2007/09/11 APPROVED BY DATE KMONROE 2007/09/12	TITLE LVDS CABLE ASSY, 4-WIRE MINI-B PLUG STRT TO MINI-B PLUG STRT <b>molex</b> DOCUMENT NO. SD-111019-1000 SHEET NO. 1 OF 1	
						MATERIAL NO. SEE CHART
						SIZE D
						THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION