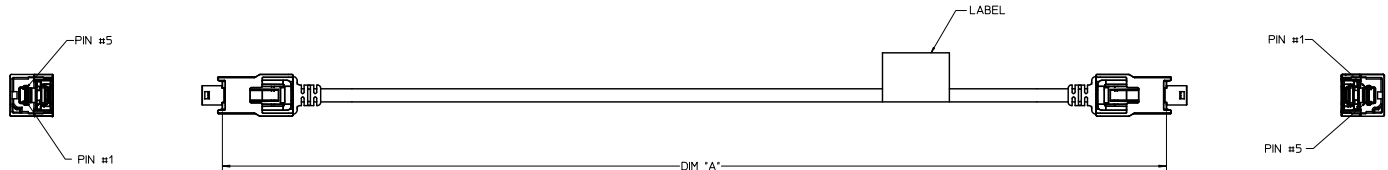
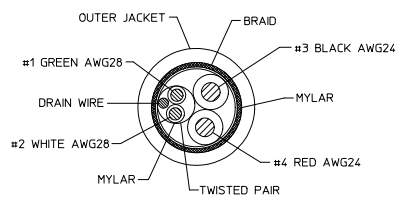
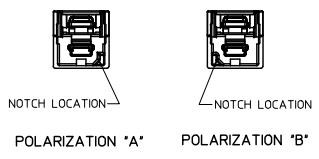


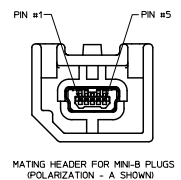
20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1



MINI-B POLARIZATION OPTIONS



Ⓢ CABLE CONSTRUCTION



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

WIRING DIAGRAM

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

- 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/JSCAR-30. PART MUST CONFORM TO THE LATEST LEVEL OF USB2.0.
 - 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, SUPPLIER PART NUMBER, DATE CODE (YYYYMMDD) AND LOGO.
 - THIS PRODUCT MUST MEET ROHS COMPLIANCE.
 - 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.

ASSEMBLY MATERIAL NUMBERS

MOLEX MAT. NO.	MINI-B POLARIZATION	CUSTOMER PART NO.	DIM 'A' (mm)
111019-5000	A TO B		500±10
111019-5001	A TO A		500±10
111019-5002	B TO B		500±10
111019-5005	A TO A		1500±20
111019-5006	A TO A		7000±100

UPDATED CABLE DETAIL REV. 01/11/04 CDR: JPM/TKI 2010/11/04 CHKD: JPM/TKI 2010/11/04 APPROVED: 2010/11/04	QUALITY SYMBOLS 0 1 2 3 4	GENERAL TOLERANCES (UNLESS SPECIFIED) DIM INCH 2 PLACES ±.005 3 PLACES ±.004 2 PLACES ±.003 1 PLACE ±.002 ANGULAR ± 1°	DIMENSION STYLE MM ONLY	SCALE 15:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
	DRAWN BY: J. REEVES DATE: 2007/09/11 CHECKED BY: DATE: APPROVED BY: DATE:		TITLE: LVDS 4-WIRE CABLE MINI-B PLUG TO PLUG CABLE ASSEMBLY			
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		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					

19. frame D.P. AM 1 Rev. E 2006/04/15