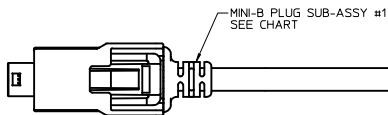
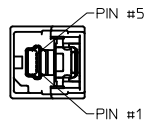
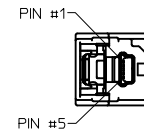


20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1

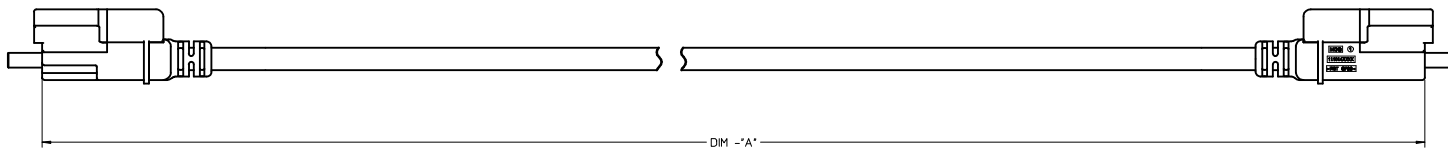


LABEL 51 X 45
SEE NOTE 7

MINI-B PLUG SUB-ASSY #2
SEE CHART



200 REF



DIM -"A"

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	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

MINI-B POLARIZATION OPTIONS



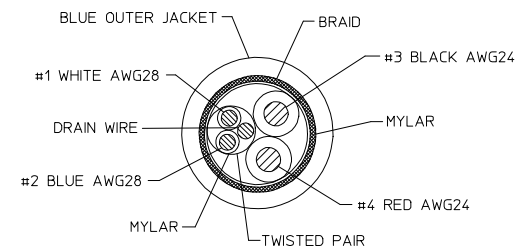
NOTCH LOCATION

POLARIZATION "A"



NOTCH LOCATION

POLARIZATION "B"



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 $\pm 0.5^\circ$ 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.

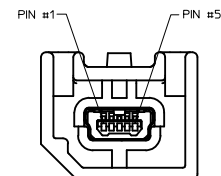
CUSTOMER P/N
XXXXXXXXXXXXXXXXXXXX
MOLEX P/N REV YYYYYMDDX

MOLEX LOGO

XXXXXXXXXXXXXXXXXXXX
CUSTOMER P/N

LABEL FORMAT

LAST LETTER OF DATE CODE "X":
"D" = DAY SHIFT, "N" = NIGHT SHIFT
BAR CODE = MOLEX MATERIAL NUMBER



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 $\pm$ 10
111019-5001	A	A	500 $\pm$ 10
111019-5002	B	B	500 $\pm$ 10
111019-5005	A	A	1500 $\pm$ 20
111019-5006	A	A	7000 $\pm$ 100
111019-5009	A	A	1000 $\pm$ 10

UPDATED LABEL EC NO. (F02) 013-3317 DRAWN BY F0204HART INEZ 2013/05/02 CHECKED BY C0203 JAMES C01 2013/05/02 APPROVED BY 2013/05/14		QUALITY SYMBOLS ▽=0 ▽=0 ▽=0		DESCRIPTION		GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ±--- ±--- 3 PLACES ±--- ±--- 2 PLACES ±--- ±--- 1 PLACE ±--- ±--- 0 PLACE ± ±		DIMENSION STYLE MM ONLY DRAWN BY DATE J. REEVES 2007/09/11 CHECKED BY DATE J. REEVES 2007/09/11 APPROVED BY DATE K MONROE 2007/09/12		SCALE 2:1 DESIGN UNITS METRIC		THIRD ANGLE PROJECTION 	
LVDS CABLE ASSY, 4-WIRE MINI-B PLUG STRT TO MINI-B PLUG STRT						molex							
ANGULAR ± 1°						MATERIAL NO.		DOCUMENT NO.		SD-111019-1000		SHEET NO. 1 OF 1	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS						SIZE D		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					