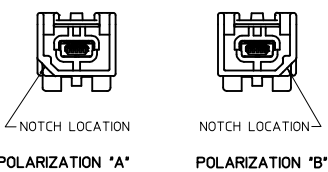


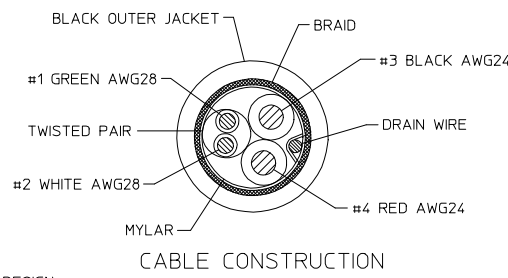
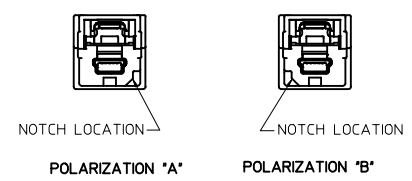
WIRING DIAGRAM

SIGNAL NAME	CONTACT #	MINI-B INLINE (HOST)	MINI-B PLUG (TARGET)	CONTACT #	SIGNAL NAME
		WIRE COLORS	WIRE COLORS		
VBUS	1	RED	RED	1	VBUS
D-	2	WHITE	WHITE	2	D-
D+	3	GREEN	GREEN	3	D+
NO CONNECT	4	NO CONNECT		4	NO CONNECT
GND	5	BLACK	BLACK	5	GND
CABLE BRAID	SHELL	BRAID TO SHELL TERMINATION		SHELL	CABLE BRAID

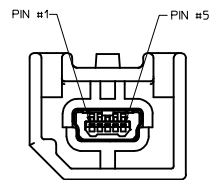
MINI-B INLINE RECEPTACLE POLARIZATION OPTIONS



MINI-B PLUG POLARIZATION OPTIONS



CABLE CONSTRUCTION



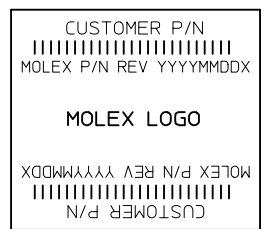
MATING HEADER FOR MINI-B PLUGS (POLARIZATION - A SHOWN)

ASSEMBLY MATERIAL NUMBERS

MOLEX MAT. NO.	MINI-B INLINE POL (HOST)	MINI-B PLUG POL (TARGET)	DIM "A" (mm)
111005-0250	B	A	250±10
111005-0450	B	B	450±10
111005-1010	A	A	500±10
111005-1020	B	A	500±10
111005-1021	B	A	1120±10
111005-1030	A	B	500±10
111005-1040	B	B	500±10
111005-1933	A	B	740±10
111005-1934	A	A	700±10
111005-1935	A	A	1583±10

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 REVISION OF SAE/JSCAR-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, 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.



MOLEX LOGO

LABEL FORMAT

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

ADDED MATERIAL NO. EC NO: CPG2014-2348 DRAWN: J. REEVES 2013/11/01 CHKD: J. PAUL LCKI 2013/11/01 APPR: K. MONROE 2014/03/11	QUALITY SYMBOLS ∇=0 ∇=0 ∇=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
		4 PLACES ± --- ± --- 3 PLACES ± 0.13 ± --- 2 PLACES ± 0.25 ± --- 1 PLACE ± ± --- 0 PLACE ± ±	mm INCH	DRAWN BY J. REEVES	DATE 2007/09/11	TITLE USB CABLE ASSEMBLY MINI-B INLINE RECEPTACLE TO MINI-B PLUG STRT			
		ANGULAR ± 3 °		CHECKED BY J. REEVES	DATE 2007/09/11	APPROVED BY K. MONROE			
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO. SEE CHART	DATE 2007/09/12	DOCUMENT NO. SD-111005-1000	SHEET NO. 1 OF 1		