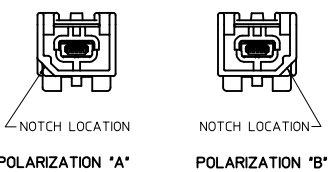


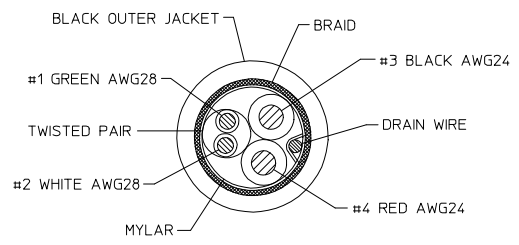
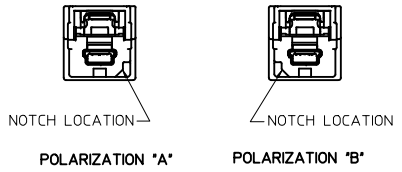
WIRING DIAGRAM

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

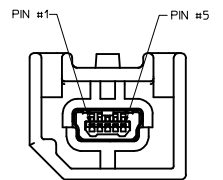
MINI-B INLINE RECEPTACLE POLARIZATION OPTIONS



MINI-B PLUG POLARIZATION OPTIONS



CABLE CONSTRUCTION



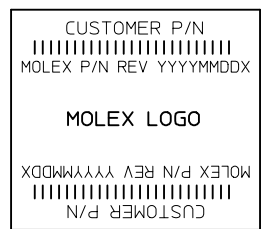
MATING HEADER FOR MINI-B PLUGS (POLARIZATION - A SHOWN)

ASSEMBLY MATERIAL NUMBERS

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



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

UPDATED LABEL IEC NO: CPG2013-3098 DRAWN: MARTINEZ 2013/04/11 CHKD: J.PAIL LCKI 2013/04/11 APPR: MONROE 2013/04/15	QUALITY SYMBOLS ∇=0 ∇=0 ∇=0	GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ±.13 ±.005 3 PLACES ±.13 ±.005 2 PLACES ±.25 ±.010 1 PLACE ±.25 ±.010 0 PLACE ±.25 ±.010	DIMENSION STYLE MM ONLY DRAWN BY DATE J.REEVES 2007/09/11 CHECKED BY DATE J.REEVES 2007/09/11 APPROVED BY DATE MONROE 2007/09/12	SCALE 2:1 DESIGN UNITS METRIC THIRD ANGLE PROJECTION	TITLE USB CABLE ASSEMBLY MINI-B INLINE RECEPTACLE TO MINI-B PLUG STRT
		MATERIAL NO. SEE CHART	DOCUMENT NO. SD-111005-1000	SHEET NO. 1 OF 1	
		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			
		SIZE D			