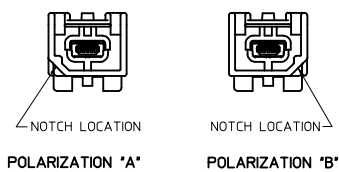


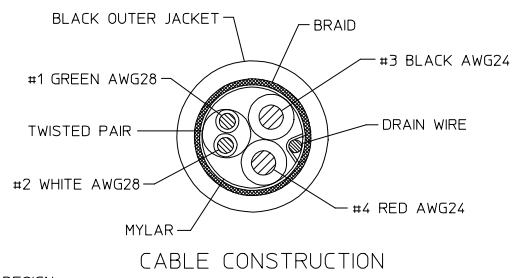
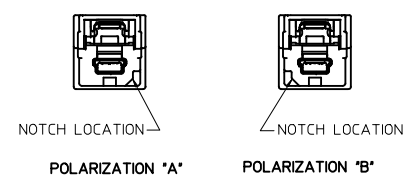
WIRING DIAGRAM

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

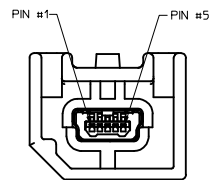
MINI-B INLINE RECEPTACLE POLARIZATION OPTIONS



MINI-B PLUG POLARIZATION OPTIONS



CABLE CONSTRUCTION



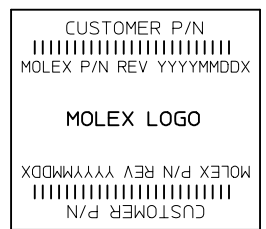
MATING HEADER FOR MINI-B PLUGS (POLARIZATION - A SHOWN)

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.



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

<b>ADDED MATERIAL NO.</b> EC NO: CPG2014-2348 DRAWN: J. MARTINEZ 2013/11/01 CHKD: J. PAUL LCKI 2013/11/01 APPR: K. MONROE 2014/03/11	<b>QUALITY SYMBOLS</b> ∇=0 ∇=0 ∇=0	<b>GENERAL TOLERANCES (UNLESS SPECIFIED)</b> <table border="1"> <tr><th></th><th>mm</th><th>INCH</th></tr> <tr><td>4 PLACES</td><td>±.005</td><td>±.0005</td></tr> <tr><td>3 PLACES</td><td>±.010</td><td>±.0005</td></tr> <tr><td>2 PLACES</td><td>±.013</td><td>±.0005</td></tr> <tr><td>1 PLACE</td><td>±.025</td><td>±.0005</td></tr> <tr><td>0 PLACE</td><td>±.050</td><td>±.0005</td></tr> </table> ANGULAR ±.3° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		mm	INCH	4 PLACES	±.005	±.0005	3 PLACES	±.010	±.0005	2 PLACES	±.013	±.0005	1 PLACE	±.025	±.0005	0 PLACE	±.050	±.0005	<b>DIMENSION STYLE</b> MM ONLY	<b>SCALE</b> 2:1	<b>DESIGN UNITS</b> METRIC	THIRD ANGLE PROJECTION
				mm	INCH																			
			4 PLACES	±.005	±.0005																			
			3 PLACES	±.010	±.0005																			
2 PLACES	±.013	±.0005																						
1 PLACE	±.025	±.0005																						
0 PLACE	±.050	±.0005																						
DRAWN BY: J. REEVES CHECKED BY: J. REEVES APPROVED BY: K. MONROE	DATE: 2007/09/11 DATE: 2007/09/11 DATE: 2007/09/12	TITLE: USB CABLE ASSEMBLY MINI-B INLINE RECEPTACLE TO MINI-B PLUG STRT	MATERIAL NO. SD-111005-1000	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																								
MOLEX																								