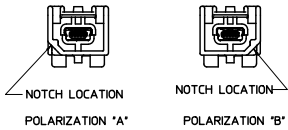
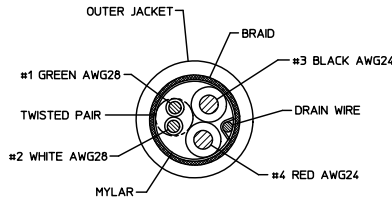
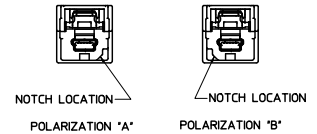


MINI-B INLINE RECEPTACLE POLARIZATION OPTIONS



MINI-B PLUG POLARIZATION OPTIONS



WIRING DIAGRAM

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

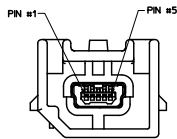
CABLE CONSTRUCTION

ASSEMBLY PART NUMBERS

MOLEX PART NO.	MINI-B PLUG POLARIZATION	MINI-B INLINE RECEPTACLE POLARIZATION	CUSTOMER PART NO.	DM 'A' (mm)
111005-1010	A	A		500+10
111005-1020	A	B		500+10
111005-1030	B	A		500+10
111005-1040	B	B		500+10
111005-1021	A	B		1120+10
111005-0250	A	B		250+10
111005-1933	B	A		740+10
111005-0450	B	B		450+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 LEVEL OF SAE/USCAR-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.



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

REVISED 2010/09/11 J. REEVES 2007/09/11 J. REEVES 2007/09/11 KMONROE 2010/02/24 MOLEX	QUALITY SYMBOLS 	GENERAL TOLERANCES (UNLESS SPECIFIED) 4 PLACES ± .13 INCH 3 PLACES ± .13 INCH 2 PLACES ± 0.13 INCH 1 PLACE ± 0.25 INCH ANGULAR ± 1/2°	DIMENSION STYLE MM/IN DRAWN BY J. REEVES 2007/09/11 DATE 2007/09/11 CHECKED BY J. REEVES 2007/09/11 DATE 2007/09/11 APPROVED BY KMONROE 2010/02/24 DATE 2010/02/24	SCALE 1:1 DESIGN UNITS METRIC THIRD ANGLE PROJECTION	USB CABLE ASSEMBLY MINI-B PLUG TO MINI-B INLINE RECEPTACLE MOLEX INCORPORATED	MATERIAL NO. SD-111005-1000 DOCUMENT NO. SD-111005-1000	SHEET NO. 1 OF 1
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS						
	SEE CHART THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						
	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						