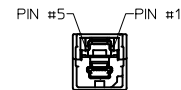
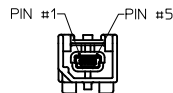
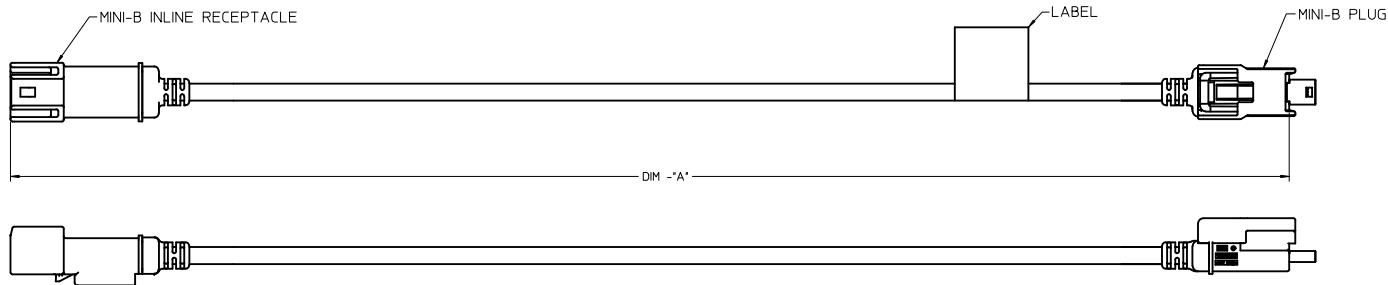
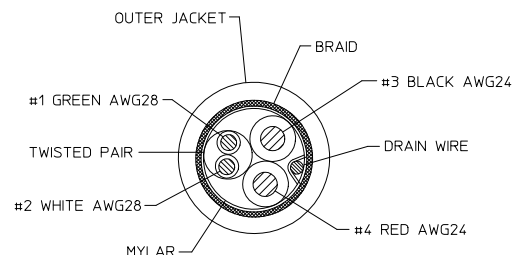
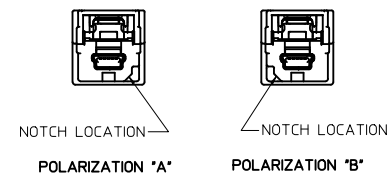
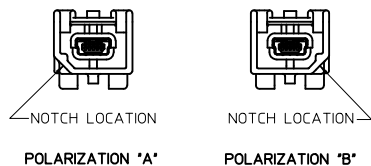


20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1



MINI-B INLINE RECEPTACLE
POLARIZATION OPTIONS

MINI-B PLUG
POLARIZATION OPTIONS



WIRING DIAGRAM

SIGNAL NAME	CONTACT #	MINI-B IN-LINE (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+
ID	4	NO CONNECT		4	ID
GND	5	BLACK	BLACK	5	GND
CABLE BRAID	SHELL	BRAID TO SHELL TERMINATION		SHELL	CABLE BRAID

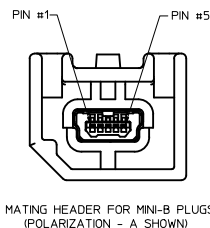
CABLE CONSTRUCTION

ASSEMBLY MATERIAL NUMBERS

MOLEX MAT. NO.	MINI-B PLUG POLARIZATION	MINI-B INLINE RECEPTACLE POLARIZATION	CUSTOMER PART NO.	DIM "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.
- THIS PRODUCT MUST MEET ROHS COMPLIANCE.
- 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.



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

ADDED NOTE EC NO: USY2011-0022 DRAWN: HARTINEZ 2010/07/14 CHKD: JPAUL LCK 2010/07/14 APPROX: KMONROE 2010/07/26 REV B2	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN		SCALE 1.5:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION
		.mm .INCH		DRAWN BY J. REEVES		DATE 2007/09/11	TITLE USB CABLE ASSEMBLY MINI-B PLUG TO MINI-B INLINE RECEPTACLE  MOLEX INCORPORATED	
		4 PLACES ± --- ± ---		CHECKED BY J. REEVES		DATE 2007/09/11		
		3 PLACES ± --- ± ---		APPROVED BY KMONROE		DATE 2010/02/24		
		2 PLACES ± 0.13 ± ---		MATERIAL NO. SEE CHART		DOCUMENT NO. SD-111005-1000		
		1 PLACE ± 0.25 ± ---		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SHEET NO. 1 OF 1		
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								