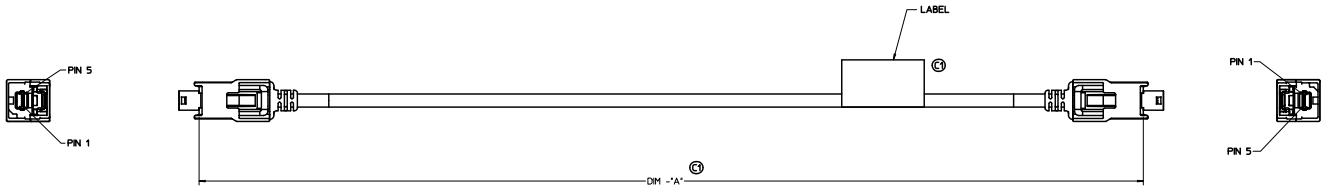
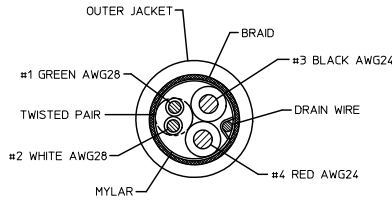
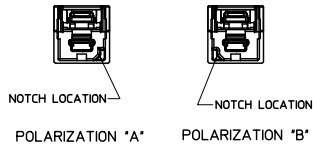


20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1



MINI-B POLARIZATION OPTIONS



CABLE CONSTRUCTION

WIRING DIAGRAM

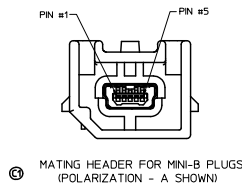
SIGNAL NAME	CONTACT #	MINI-B PLUG (HOST)	MINI-B PLUG (TARGET)	CONTACT #	SIGNAL NAME
		WIRE COLORS	WIRE COLORS		
VBUS	1	RED	RED	1	VBUS
D-	2	WHITE	WHITE	2	D-
D+	3	GREEN	GREEN	3	D+
ID	4	NO CONNECT		4	ID
GND	5	BLACK	BLACK	5	GND
CABLE BRAID	SHELL	BRAID TO SHELL TERMINATION		SHELL	CABLE BRAID

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.

ASSEMBLY PART NUMBERS

MOLEX PART NO.	MIN-B POLARIZATION	CUSTOMER PART NO.	DIM "A"
111014-5000	A TO A		500±10
111014-5001	A TO B		500±10
111014-5003	B TO B		500±10



REVISED 2010-03-14 ENGINEER: J. REEVES CHECKED: J. PARKER APPROVED: J. PARKER DATE: 2010/03/14	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
	▽=0	4 PLACES ±.--- ±.---	MM ONLY	1:1	METRIC	MINI-B TO MINI-B PLUG CABLE ASSEMBLY	
	▽=0	3 PLACES ±.--- ±.---	DRAWN BY	J. REEVES	DATE	2007/07/27	MOLEX INCORPORATED MATERIAL NO. SD-111014-1000 DOCUMENT NO. SD-111014-1000 SHEET NO. 1 OF 1
	▽=0	2 PLACES ±.0.13 ±.---	CHECKED BY	J. REEVES	DATE	2007/07/27	
	1 PLACE ±.0.25 ±.---	APPROVED BY	K. MONROE	DATE	2010/03/14		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART					

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