

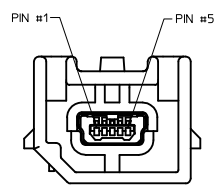
CABLE CONSTRUCTION

WIRING DIAGRAM

SIGNAL NAME	CONTACT #	MINI-B PLUG #1 (HOST)	MINI-B PLUG #2 (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".
 - UNLESS OTHERWISE SPECIFIED, PART MUST CONFORM TO THE LATEST LEVEL OF SAE/USCAR-30 AND 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 IF REQUIRED, SUPPLIER PART NUMBER, DATE CODE (YYYYMMDD), REVISION IF REQUIRED, AND LOGO.
 - LEAD FREE, NO ROHS EXEMPTIONS.
 - FINISHES: TERMINAL: SELECTIVE GOLD (Au) IN THE CONTACT AREA; THICKNESS = 0.75 MICROMETER (30 MICRORINCH) MINIMUM OVER NICKEL (Ni) OVERALL; THICKNESS = 1.25 MICROMETER (50 MICRORINCH) MINIMUM.
 - PACKAGING SPECIFICATION: PK-68800-001.

MOLEX MAT. NO.	MINI-B POLARIZATION		DIM "A"
	MINI-B PLUG #1 LEFT	MINI-B PLUG #2 RIGHT	
111014-5000	A	A	500±10
111014-5001	A	B	500±10
111014-5003	B	B	500±10
111014-5016	B	B	2620±10
111014-5017	A	A	1500±10
111014-5018	A	B	1000±10
111014-5019	A	B	1240±10
111014-5021	A	B	570±10
111014-5022	A	B	715±10
111014-5024	A	B	1640±10
111014-5025	A	B	1225±10
111014-5026	A	A	2000±20
111014-5027	A	B	2000±20
111014-5028	C	B	2000±20
111014-5029	D	B	2000±20



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

CUSTOMER P/N
MOLEX P/N REV YYYMMDD

MOLEX LOGO

CUSTOMER P/N
MOLEX P/N REV YYYMMDD

LABEL FORMAT

LAST LETTER OF DATE CODE:
'D' = DAY SHIFT, 'N' = NIGHT SHIFT

REVISED IEC NO: CPG2012-0852 DRW: JHART/NEZ 2012/03/01 CHKD: JPAUL/LKI 2012/03/01 APPR: KMONROE 2012/04/02	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
	▽=0 ▽=0	mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.13 ± --- 1 PLACE ± 0.25 ± --- ANGULAR ± 3 °	MM ONLY DRAWN BY DATE J. REEVES 2007/07/27 CHECKED BY DATE J. REEVES 2007/07/27 APPROVED BY DATE KMONROE 2007/07/28	2:1	METRIC		
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	MATERIAL NO. SEE CHART	MOLEX INCORPORATED DOCUMENT NO. SD-111014-1000	TITLE USB CABLE ASSEMBLY MINI-B PLUG STRAIGHT TO MINI-B PLUG STRAIGHT		SHEET NO. 1 OF 1	
	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						