

MOLEX MAT. NO.	MINI-B POLARIZATION		DIM "A"
	MINI-B PLUG #1 (HOST)	MINI-B PLUG #2 (TARGET)	
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
111014-5030	C	C	2000+20
111014-5031	A	A	3000+30
111014-5032	D	D	2000+20
111014-5033	D	D	3000+30
111014-5034	A	A	305+10
111014-5035	B	B	4800+20

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+
NO CONNECT	4	NO CONNECT		4	NO CONNECT
GND	5	BLACK	BLACK	5	GND
CABLE BRAID	SHELL	BRAID TO SHELL TERMINATION		SHELL	CABLE BRAID

CUSTOMER P/N
 |||
 MOLEX P/N REV YYYYMMDDX

MOLEX LOGO

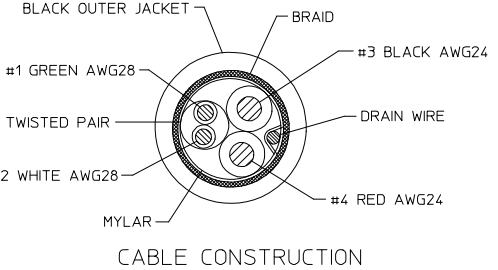
|||
 CUSTOMER P/N
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LABEL FORMAT

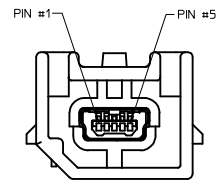
LAST LETTER OF DATE CODE "X":
 'D'- DAY SHIFT, 'N'- NIGHT SHIFT
 BAR CODE = MOLEX MATERIAL NUMBER

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/JUSCAR-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 MICROINCH) MINIMUM OVER NICKEL (Ni) OVERALL; THICKNESS = 1.25 MICROMETER (50 MICROINCH) MINIMUM.
- PACKAGING SPECIFICATION: PK-68800-001.



CABLE CONSTRUCTION



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

UPDATED LABEL EIC NO: CPG2013-3060 DRAWN:HEMARTINEZ 2013/04/11 CHECKED:JPAL LCKI 2013/04/11 APPROVED:KMONROE 2013/04/24	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
	▽=0	mm INCH	MM ONLY	2:1	METRIC	☉	
	▽=0	4 PLACES ± --- ± ---	DRAWN BY DATE	J.REEVES 2007/07/27	TITLE	USB CABLE ASSEMBLY MINI-B PLUG STRAIGHT TO MINI-B PLUG STRAIGHT	
	▽=0	3 PLACES ± --- ± ---	CHECKED BY DATE	J.REEVES 2007/07/27			
	4 PLACES ± 0.13 ± ---	APPROVED BY DATE	KMONROE 2010/03/16	MATERIAL NO.	DOCUMENT NO.	SHEET NO.	
	1 PLACE ± 0.25 ± ---			SEE CHART	SD-111014-1000	1 OF 1	
	0 PLACE ± ±			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			