

POL-A, BLACK 111014-9000	POL-B, GRAY 111014-9001
POL-C, BROWN 111014-9010	POL-D, GREEN 111014-9011
POL-C, BLACK 111014-9002	

MOLEX MAT. NO.	MINI-B POLARIZATION		DIM "A"	CUSTOMER PART NO.
	MINI-B PLUG #1 (HOST)	MINI-B PLUG #2 (TARGET)		
111014-5000	A	A	500±10	PP207013
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 (BROWN)	B	2000±20	
111014-5029	D	B	2000±20	
111014-5030	C (BROWN)	C (BROWN)	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	
111014-5037	B	C (BROWN)	1000±10	
111014-5038	A	C (BLACK)	500±10	
111014-5039	B	B	300±10	

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

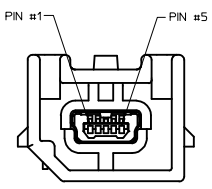
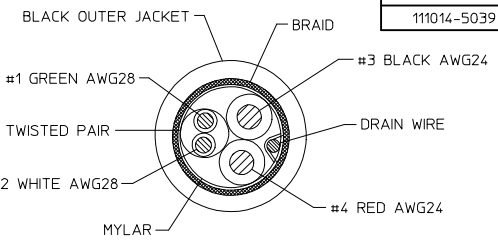
CUSTOMER P/N
 |||
 MOLEX P/N REV YYYYMMDDX
 Made in "Country of Origin"
MOLEX LOGO
 |||
 CUSTOMER P/N
 |||

LABEL FORMAT

LAST LETTER OF DATE CODE "X" = PRODUCTION SHIFT CODE.
 BAR CODE = MOLEX MATERIAL NUMBER.
 Country of Origin = NAME OF COUNTRY OF MANUFACTURING PLANT.

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



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

ADDED -5000 CUST. P/N EC NO: CPG2015-6520 DRAWN BY: 2015/06/23 CHECKED BY: 2015/06/23 APPROVED BY: 2015/08/04 DESCRIPTION:	QUALITY SYMBOLS ∇=0 ∇=0 ∇=0	GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH		DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
		4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.13 ± --- 1 PLACE ± 0.25 ± --- 0 PLACE ± ±		DRAWN BY: J. REEVES DATE: 2007/07/27 CHECKED BY: J. REEVES DATE: 2007/07/27 APPROVED BY: MONROE DATE: 2010/03/16					TITLE USB CABLE ASSEMBLY MINI-B PLUG STRAIGHT TO MINI-B PLUG STRAIGHT molex	
		ANGULAR ± 3 ° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO. SEE CHART						DOCUMENT NO. SD-111014-1000
				SHEET NO. 1 OF 1						

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