



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



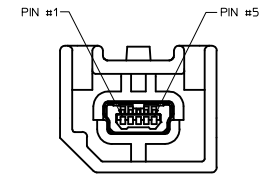
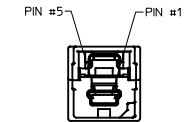
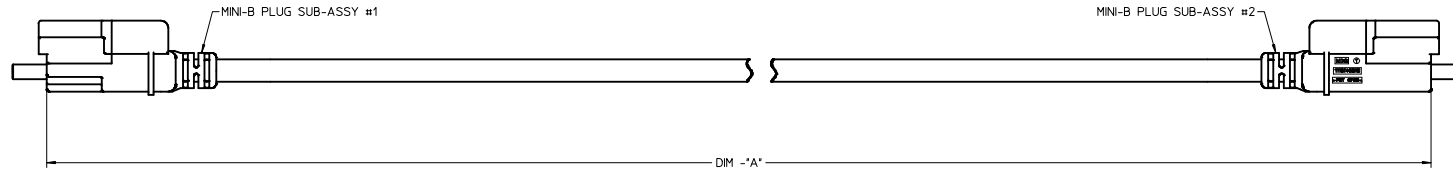
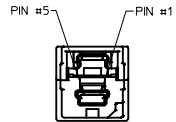
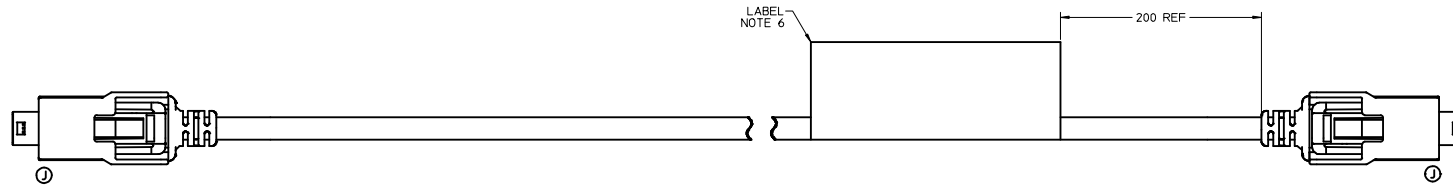
## Contact us

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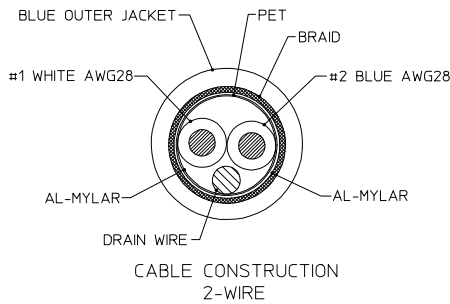




MATING HEADER FOR MINI-B PLUGS (POLARIZATION - A SHOWN)

WIRING DIAGRAM

SIGNAL NAME	CONTACT #	MINI-B PLUG #1	MINI-B PLUG #2	SIGNAL NAME
		WIRE COLORS	WIRE COLORS	
-----	PIN 1	-----	-----	-----
DOUT-/RIN-	PIN 2	WHITE	WHITE	DOUT-/RIN-
DOUT+/RIN+	PIN 3	BLUE	BLUE	DOUT+/RIN+
SIGNAL SHIELDING	PIN 4	SIGNAL SHIELD DRAIN WIRE		SIGNAL SHIELDING
-----	PIN 5	-----	-----	-----
CABLE BRAID	SHELL	BRAID TO SHELL TERMINATION		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.
- 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, 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 = .125 MICROMETER (50 MICRORINCH) MINIMUM.



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

UPDATED PLUG HSG IEC NO: CPG2013-2147 J-DRAWN:HEMARTINEZ 2010/01/07 J-CHKD:J.PAWLICKI 2010/01/07 APPROV:KMONROE 2010/01/21	QUALITY SYMBOLS ∇=0 ∇=0 ∇=0	GENERAL TOLERANCES (UNLESS SPECIFIED) 4 PLACES ±.--- ±.--- 3 PLACES ±.--- ±.--- 2 PLACES ±0.13 ±.--- 1 PLACE ±0.25 ±.--- 0 PLACE ±.--- ±.---	DIMENSION STYLE MM ONLY	SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	DRAWN BY J. REEVES	DATE 2008/08/27	TITLE LVDS CABLE ASSY, 2-WIRE MINI-B PLUG TO PLUG POL A-K
							CHECKED BY J. REEVES	DATE 2008/08/27	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			MATERIAL NO. SEE CHART	DOCUMENT NO. SD-111041-1000	SHEET NO. 1 OF 2				
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									

 <p><b>POL-A. BLACK</b> 111014-9000</p>	 <p><b>POL-B. GRAY</b> 111014-9001</p>
 <p><b>POL-C</b> 111014-9002 = BLACK 111014-9010 = BROWN</p>	 <p><b>POL-D</b> 111014-9006 = GRAY 111014-9011 = GREEN</p>
 <p><b>POL-E</b> 111014-9003 = BLACK 111014-9012 = BLUE</p>	 <p><b>POL-F</b> 111014-9007 = GRAY 111014-9013 = NATURAL</p>
 <p><b>POL-G</b> 111014-9004 = BLACK 111014-9014 = GRAY</p>	 <p><b>POL-H</b> 111014-9008 = GRAY 111014-9015 = GREEN</p>
 <p><b>POL-J</b> 111014-9005 = BLACK</p>	 <p><b>POL-K</b> 111014-9005 = GRAY</p>

MATERIAL NO.	MINI-B POLARIZATION		DIM 'A'
	MINI-B #1	MINI-B #2	
111041-5000	A	B	500±10
111041-5001	A	A	500±10
111041-5002	B	B	500±10
111041-5003	A	C (-9002)	500±10
111041-5004	A	D (-9006)	500±10
111041-5005	A	E (-9003)	500±10
111041-5006	A	F (-9007)	500±10
111041-5007	A	G (-9004)	500±10
111041-5008	A	H (-9008)	500±10
111041-5009	A	J	500±10
111041-5010	A	K	500±10
111041-5011	A	E (-9003)	750±10
111041-5012	A	E (-9003)	1500±10
111041-5013	A	A	1000±10
111041-5014	A	A	3000±30
111041-5015	A	A	5000±50
111041-5016	A	A	10000±100
111041-5017	B	B	1000±10
111041-5018	B	B	3000±30
111041-5019	B	B	5000±50
111041-5020	B	B	10000±100
111041-5021	A	A	2000±20
111041-5022	A	B	2000±20
111041-5023	A	E (-9012)	2000±20
111041-5024	A	G (-9014)	2000±20
111041-5025	B	G (-9014)	2000±20
111041-5026	E (-9012)	E (-9012)	2000±20
111041-5027	E (-9012)	E (-9012)	3000±30

<b>SEE SHEET 1</b> IEC NO: CPG2013-247 DRAWN BY: CHEMARTINEZ 2013/01/07 CHECKED BY: JPAUL LCKI 2013/01/07 APPROVED BY: KMONROE 2013/01/21	QUALITY SYMBOLS ∇=0 ∇=0 ∇=0	GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ±.000 ±.000 3 PLACES ±.005 ±.005 2 PLACES ±.013 ±.013 1 PLACE ±.025 ±.025 0 PLACE ±.050 ±.050 ANGULAR ± 3° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DIMENSION STYLE <b>MM ONLY</b>	SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
				DRAWN BY DATE J. REEVES 2008/08/27 CHECKED BY DATE J. REEVES 2008/08/27 APPROVED BY DATE KMONROE 2010/05/20	TITLE LVDS CABLE ASSY, 2-WIRE MINI-B PLUG TO PLUG POL A-K <b>molex</b>	