



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!



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REVISIONS

ECN NO	DATE	REVISION	DESCRIPTION	CHANGER
	SEP 07,09	A	INITIAL RELEASE	JOE XIE
CY14-6401	2014/03/31	B	1. CHANGE SHELL 2. CHANGE CONNECTOR	AHOU
CY15-6131	2015/06/12	C	CHANGE MINI DP PLUG SIDE CONNECTOR, INNER MOLD AND OUTER MOLD	AHOU

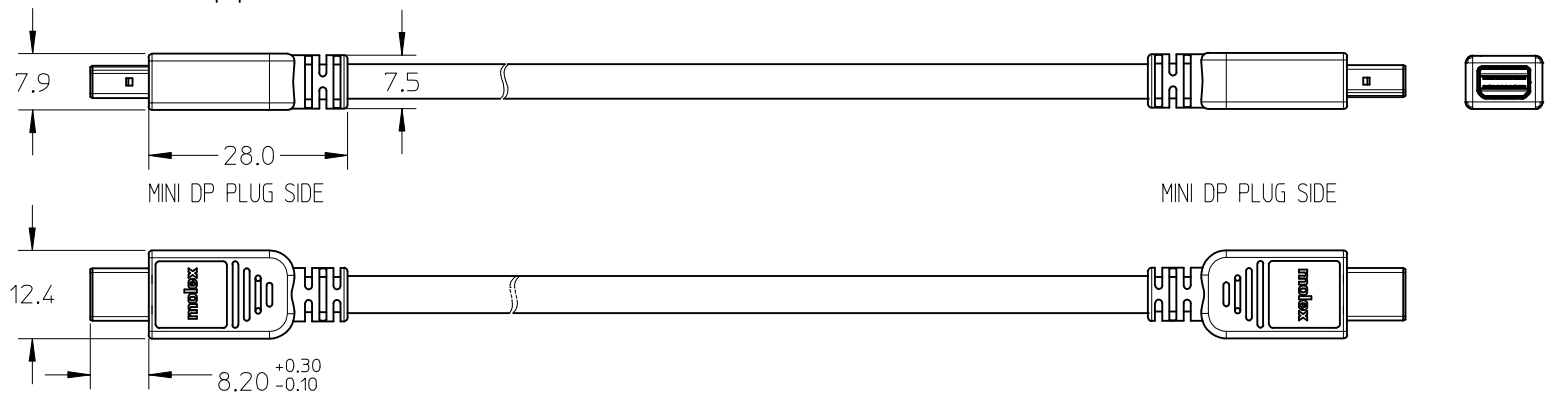
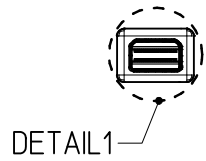
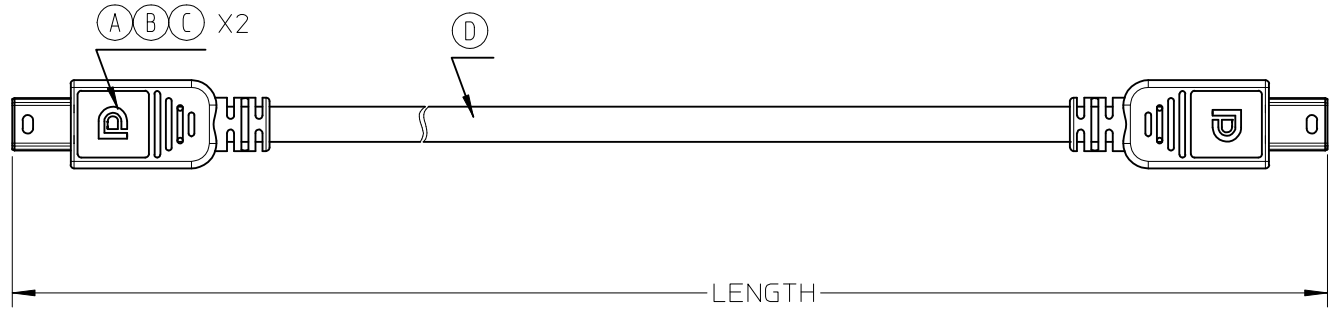
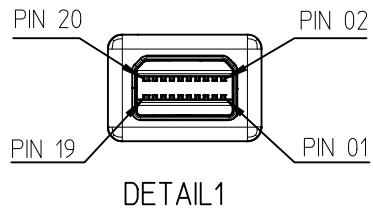


TABLE-1:

687850006	2000±40
687850005	1500±30
687850004	1000±20
PART NO.	LENGTH

EC NO: CPG2015-6538 DRWN: XJGU001 CHKD: AHOU APPR: FJIE	2015/06/19 2015/06/19 2015/06/23	DESCRIPTION REV	QUALITY SYMBOLS ▽=0 ◁=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ----	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
				mm	INCH	DRAWN BY JASON.LU	DATE 2009.02.06	TITLE MINIDP PLUG TO MINIDP PLUG CABLE ASSY		
				4 PLACES ± ---	± ---	CHECKED BY CHRIS	DATE 2009.02.06			
				3 PLACES ± ---	± ---	APPROVED BY	DATE			
2 PLACES ± 0.25 1 PLACE ± 0.50		ANGULAR ± 3 °		MATERIAL NO. SEE TABLE-1			DOCUMENT NO. SD-68785-0004		SHEET NO. 1 OF 2	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						

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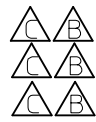
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WIRING DIAGRAM

MINI DP PLUG SOURCE SIDE	FUNCTION	MINI DP PLUG SINK SIDE
PIN 01	GROUND	PIN 08
PIN 03	ML0+	PIN 12
PIN 05	ML0-	PIN 10
PIN 07	GROUND	PIN 13
PIN 09	ML1+	PIN 17
PIN 11	ML1-	PIN 15
PIN 13	GROUND	PIN 07
PIN 15	ML2+	PIN 11
PIN 17	ML2-	PIN 09
PIN 19	GROUND	PIN 19
PIN 02	HOT PLUG DETECT	PIN 02
PIN 04	CONFIG 1	PIN 04
PIN 06	CONFIG 2	PIN 06
PIN 08	GROUND	PIN 01
PIN 10	ML3+	PIN 05
PIN 12	ML3-	PIN 03
PIN 14	GROUND	PIN 14
PIN 16	AUX+	PIN 16
PIN 18	AUX-	PIN 18
PIN 20	NO CONNECTION	PIN 20
SHELL	GROUND	SHELL

NOTES:

- MATERIALS:
 - OVERMOLD: PVC, COLOR BLACK, UL94-V0.
 - CABLE: PVC JACKET, BLACK, UL94-VW-1.
 - HOUSING: HIGH TEMPERATURE THERMOPLASTIC.
 - TERMINAL: COPPER ALLOY, GOLD PLATING, NICKEL UNDERPLATE.
 - SHELL: COPPER ALLOY, NICKEL PLATING.
- ELECTRICAL PROPERTY:
 - 3.1 APPLIED VOLTAGE RATING: 40V AC (RMS).
 - 3.2 CURRENT RATING: 0.5A.
 - 3.3 DIELECTRIC WITHSTAND: 300V.
 - 3.4 INSULATION RESISTANCE: 100M OHM (UNMATING), 10M OHM (MATING).
- OPERATION TEMPERATURE: -20°C TO +80°C.
- THE PRODUCT COMPLIANT TO MOLEX ES-40000-5016.



ITEM	DESCRIPTION	MATERIAL	USAGE
D	MINI DP CABLE	---	---
C	Double Elec.PRE-CUT C.FOIL 35X18mm T=25u	---	2 PCS
B	wire holder 34AWG DP mini-DP to mini-DP	---	2 PCS
A	auto-soldering type Mini-DP, 15u plated	---	2 PCS

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					MM ONLY		----	METRIC				
					DRAWN BY DATE		TITLE					
					CHECKED BY DATE		MOLEX INCORPORATED					
		APPROVED BY DATE		MATERIAL NO.		DOCUMENT NO.		SHEET NO.				
		ANGULAR ± 3 °		SEE TABLE-1		SD-68785-0004		2 OF 2				
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						