



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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PRODUCT NUMBER  
SEE NOTE 3

10105852

SEE TABLE 1 ("DIM L")  
SEE NOTE 2, 3, AND 8

200±10  
SEE NOTE 4

SEE DETAIL "A"

N x 100±10

ID LABEL  
SEE NOTE 5

POWER CABLE

POS.2

20±5

20±5

POS.2

POS.1

20A

20A

POS.1

LABEL  
MARKED 20A LETTER SIZE 4~5MM

WRAP AROUND LABEL BLACK

END "P1"  
2P

ET Power CONNECTOR  
SEE NOTE 10

END "P2"  
2P

Pwr Profile CONNECTOR  
SEE NOTE 10

rev	ecn no	dr	date
1	-	Id1	2010-03-11
2	-	Id1	2010-03-15
3	-	Id1	2010-06-02
4	-	Id1	2010-07-27
5	-	Id1	2010-07-28
A	N10-0281	Id1	2010-11-03
-	-	-	-

www.fciconnect.com			surface x	tolerance std x	projection x	MM	
TOLERANCES UNLESS OTHERWISE SPECIFIED			ANGULAR	LINEAR	0.x	±y	MM
Dr	Delhly Liu	2010-11-03	0°	±y°	0.xx	±y	size A4
Eng	Delhly Liu	2010-11-03	Product family		0.xxx	±y	Scale 4:5
Chr	Johnson Long	2010-11-03	C&A		ECN N10-0281		Spec ref
Appr	Jackson Wang	2010-11-03	CUSTOMER		sheet 1 of 3		
FCI		title 2P	Pwr Profile CABLE ASSEMBLY		dwg no 10105852	Rev. A	

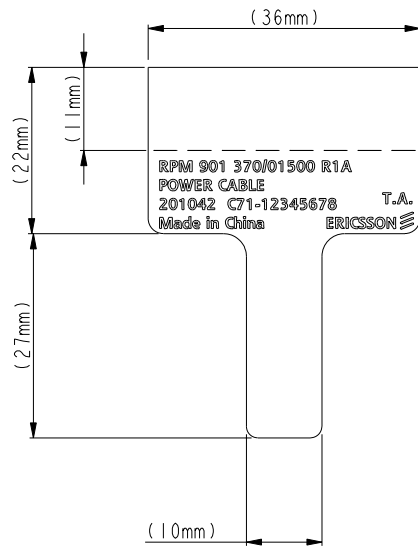
PRELIMINARY



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PRODUCT NUMBER  
SEE NOTE 3

10105852



DETAIL "A" LABEL PRINT EXAMPLE  
SEE NOTE 5

**PIN OUT/WIRING TABLE (SEE NOTE 6)**

FROM "P1"	WIRE SIZE	TYPE	TO "P2"	COLOR
POS.1	14 AWG	POWER -48V	POS.1	BLACK
POS.2	14 AWG	POWER 0V	POS.2	BLACK

**P/N AND DIMENSION TABLE 1 (SEE NOTE 3)**

No.	FCI P/N	CUSTOMER P/N	R-RATE	DIM L	TOLERANCE
1	10105852-G0030YYLF	RPM 901 370/00300	R1A	0.3 METER	±5 MM
2	10105852-G0045YYLF	RPM 901 370/00450	R1A	0.45 METER	±5 MM
3	10105852-G0150YYLF	RPM 901 370/01500	R1A	1.5 METER	±15 MM
4	10105852-G0400YYLF	RPM 901 370/04000	R1A	4 METER	±40 MM



title 2P  
Pwr Profile CABLE ASSEMBLY  
catalog no -

dwg no 10105852

Rev. A

CUSTOMER sheet 2 of 3



PRODUCT NUMBER  
SEE NOTE 3

10105852

NOTES:

1. END "P1" MATES WITH FCI HEADER PART NUMBER: XXXXXXXX-XXXLF  
END "P2" MATES WITH FCI HEADER PART NUMBER: 1010229-201LF

2. UNLESS OTHERWISE SPECIFIED ASSEMBLED LENGTH TOLERANCE =  
< =0.5 METER: ±5.0mm  
> 0.5 METER TO 1 METER: ±10mm OF ALL LENGTHS  
> = 1 METER: ±1%mm OF ALL LENGTHS

3. PART NUMBER DESCRIPTION:

BASE NUMBER      DASH NUMBER

1 0 1 0 5 8 5 2 - G O X X O Y Y L F

WIRE SIZE(AWG)	
G	14 AWG

LEAD FREE (SEE NOTE 9)

SPECIAL FEATURES

Y NO APPLICABLE TO THIS ASSEMBLY

HARDWARE TYPE

Y NO HARDWARE REQUIRED

LENGTH (DIM L)  
XXXX: XX METERS, XX CENTIMETERS  
0030: 00 METERS, 30 CENTIMETERS  
0045: 00 METERS, 45 CENTIMETERS  
0150: 01 METERS, 50 CENTIMETERS  
0400: 04 METERS, 00 CENTIMETERS

NOTES CONTINUED:

- 4. LABEL POSITION SHALL BE APPROXIMATELY 200MM FROM FRONT OF CONNECTOR, IF CABLE SHORTER THAN 0.4 METER SHALL BE MARKED WITH LABEL IN THE MIDDLE.
- 5. LABELING SHALL BE DONE AS PER ERICSSON DOCUMENT 10201-113 Uen, LABEL TYPE IN ACCORD WITH LZFO83278/3
  - ERICSSON P/N AND REV
  - DESCRIPTION ("POWER CABLE"), T.A. (T.A. STANDS FOR TEST APPROVED), PLACED IN RIGHT MARGIN
  - MANUFACTURING WEEK, BATCH INCLUDING FACTORY CODE
  - COUNTRY OF ORIGIN, ERICSSON LOGO (RIGHT MARGIN)

FONT SHALL BE CLEARLY VISABLE AND BLACK IN COLOR.

- 6. ALL CABLE ASSEMBLIES SHALL BE TESTED 100% FOR CONTINUITY AS DEFINED IN WIRING LIST.
- 7. UNLESS OTHERWISE SPECIFIED ALL CABLE ASSEMBLIES SHALL BE 100% HI-POT TESTED BY APPLYING 300V DC FOR MINIMUM OF 10ms, DIELECTRIC RESISTANCE 100MΩ MIN. CONNECTION RESISTANT 1.0Ω MAX. UNLESS ACTIVE COMPONENTS ARE USED IN THIS ASSEMBLY.
- 8. THIS DIMENSION IS A FINISHED PRODUCT LENGTH.
- 9. LEAD FREE PRODUCTS MEET EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.
- 10. CONNECTOR ASSEMBLIES SHOWN ARE FOR REFERENCE ONLY AND MAY NOT SHOW ALL PART DETAIL.

11. PACKAGING SPECIFICATIONS SHALL BE ACCORDING TO GS-14-920 AND GS-14-1554.

12. A "△" SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW, OR NOTE WHICH HAD BEEN MODIFIED WITH THE CURRENT DRAWING REVISION.

13. MATERIALS:  
CABLE: UL OR IEC RECOGNIZED, 90°C, 600V MIN, COLOR BLACK  
HOUSING: THERMOPLASTIC, UL94V-0, COLOR: BLACK  
POWER CONTACTS: COPPER ALLOY WITH CRIMPING TYPE



title 2P  
Pwr Profile CABLE ASSEMBLY  
catalog no -

dwg no 10105852

Rev. A

CUSTOMER sheet 3 of 3

