

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

20±5

POS.2

POS.2

POS.1

POS.1

20A

20A

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

PRELIMINARY

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

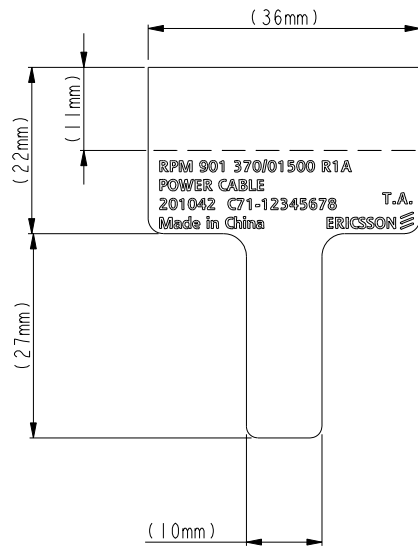
| rev | ecn no | dr | date |
|-----|----------|-----|------------|
| 1 | - | Id1 | 2010-03-11 |
| 2 | - | Id1 | 2010-03-15 |
| 3 | - | Id1 | 2010-06-02 |
| 4 | - | Id1 | 2010-07-27 |
| 5 | - | Id1 | 2010-07-28 |
| A | N10-0281 | Id1 | 2010-11-03 |
| - | - | - | - |



Copyright FCI.

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



Copyright FCI.



| | | |
|---|--------------------|-----------------------------|
| Title 2P Pwr Profile CABLE ASSEMBLY | dwg no 10105852 | Rev. A |
| | | catalog no - CUSTOMER |