

1

2

3

4

5

6

7

8

Spring Free Length (A)

Spring ID (C)

Wire Dia (B)

5

6

1.6

13.9 (17.5)

0 2.9 -0.3

3.05

4.30

Assembly Product

SPRING P/N

A±0.6 (mm)

ØB±0.05 (mm)

ØC±0.2 (mm)

Total Coils

Force Rate (gf/mm) [Ref.]

Material

82FT16-08-9909-X

52FT08

12.0

0.45

3.60

7.50

88

SUS304

82FT16-39-9909-X

52FT39

12.6

0.55

3.50

6.00

250

SUS304

82FT16-40-9909-X

52FT40

13.3

0.65

3.50

6.25

470

SWC80 NACKLE

82FT16-43-9909-X

52FT43

6.0

0.50

3.40

4.00

360

SUS304

82FT16-44-9909-X

52FT44

13.3

0.55

3.50

6.00

220

SUS304

82FT16-87-9909-X

52FT87

13.0

0.55

3.60

6.75

160

SUS304

82FT16-105-9909-X

52FT105

9.0

0.60

3.80

6.20

278

SWP-B GRINDING

REV

DESCRIPTION

DATE

DRAWN

1

Release for production

May-04-2011

Jason Wang

2

Modify spring tolerance was A±0.5 and ØC±0.3.

Aug-03-2011

Jason Wang

3

Modify dimension was 4.61

Apr-24-2012

Chris Hsu

4

ADD 82FT16-40-9909-X, 82FT16-43-9909-X, 82FT16-44-9909-X AND 82FT16-87-9909-X

Apr-11-2013

Chris Hsu

5

ADD 82FT16-105-9909-X

Sep-22-2014

Chris Hsu

NOTES:

1. MATERIAL NYLON66.

2. P.C. BOARD AND HEAT SINK HOLE DIAMETER RANGE: 3.2 mm TO 3.3 mm

3. PUSH IN SPEED SHALL BE LESS THAN 55mm/sec.

4. ASSEMBLY DIMENSIONS ARE FOR REFERENCE PURPOSE AND MAY VARY DEPENDING UPON APPLICATION

5. ASSEMBLY PRODUCTION NUMER:
82FT16-XX-9909-1 (BLACK PIN)
82FT16-XX-9909-8 (NATUAL PIN)

6.MATERIAL MUST COMPLY WITH THE RoHS DIRECTIVE OF THE EU.

DRAWN BY

Jason Wang

DATE

May-04-2011

CHK BY

Marvin Chuang

DATE

May-04-2010

APP BY

Casey Chang

DATE

May-04-2011

MATERIL :

SEE NOTE

Project No#:

N/A

UNLESS OTHERWISE SPECIFIED
INTERPRET DIMENSIONS AND
TOLERANCES IN ACCORDANCE WITH ASME Y14.5M-1994
DIMENSIONS ARE IN MM TOLERANCES:
.X±0.5
.XX±0.25
.XXX±0.125
Angles±1.0°

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NAME :

82FT16-XX SERIES SNP

PART NO# :

82FT16-XX-9909-X

Rev

5

Sheet

1/1

安天德百電股份有限公司

Electronic Business Asia Co.,Ltd.

" () " MARK FOR REFERENCE DIMENSION.

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ALL CHANGES TO OCCUR ON CAD SYSTEM

管制文件(C)/ 非管制文件(U)

FT0904