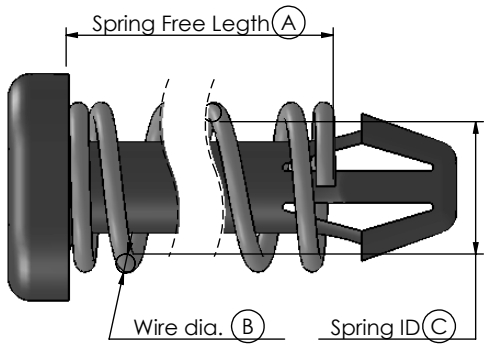
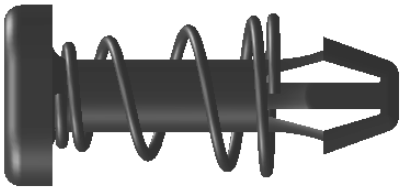
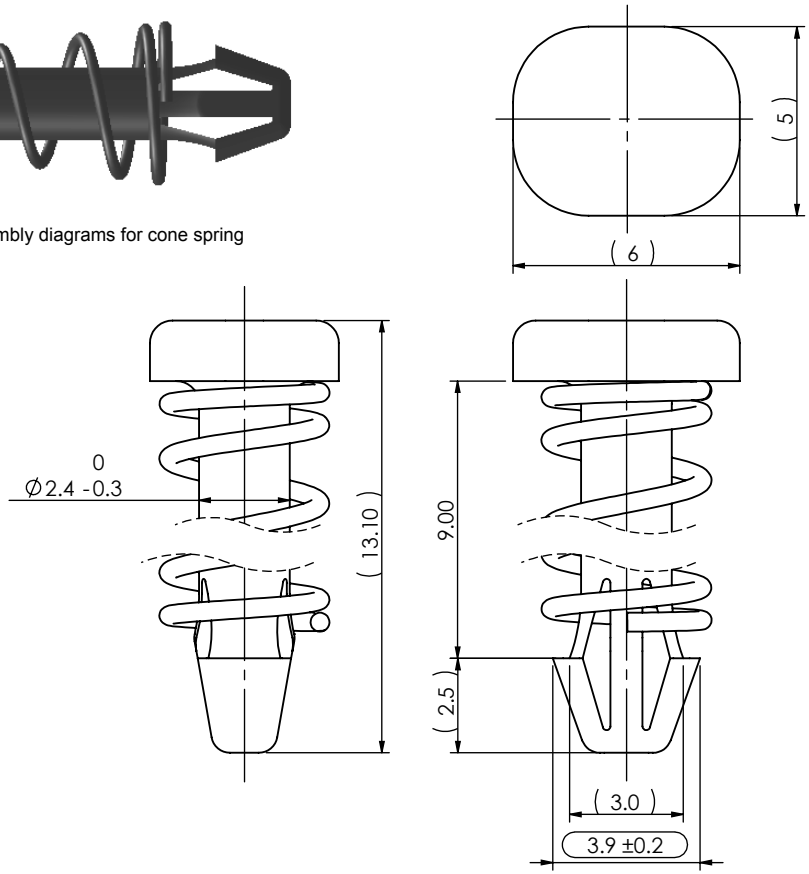


Assembly Product	SPRING DATA (△4)						
	SPRING P/N	A ±0.7/0.1 (mm) [Ref.]	ØB±0.05 (mm)	ØC ±0.2/0 (mm)	Total Coils	Force Rate (gf/mm) [Ref.]	Material
	82FT18-43-9909-X	52FT43	6.0	0.5	3.5	4.0	380	SUS304
	82FT18-48-9909-X	52FT48	8.3	0.4	△6 3.4	5.5	108	SUS304
	82FT18-49-9909-X	52FT49	8.3	0.5	3.5	△3 5.25	250	SUS304
△5	82FT18-64-9909-X	52FT64	7.5	0.4	2.75/4.70	5	96.9	SUS304
△7	82FT18-88-9909-X	52FT88	8.5	0.5	3.5	4.25	265	SUS304

REVISION HISTORY			
REV	DESCRIPTION	DATE	DRAWN
3	CORRECT SPRING REVOLVE DIRECTION,AND 52FT49 TOTAL COILS WAS 6.0	Aug-13-2009	Isaac
4	Modify spring tolerance was A±0.8 and ØC±0.3.	Aug-03-2011	Jason Wang
5	Add 82FT18-64-9909, and NOTES 6.	Mar-3-2012	Chris Hsu
6	Modify 52FT43 spring I.D was 3.5	Apr-10-2012	Chris Hsu
7	Add 82FT18-88-9909-X	Oct-09-2012	Chris Hsu
8	Add assembly diagrams for cone spring.	May-15-2013	Chris Hsu



△8 Assembly diagrams for cone spring



NOTES:

1. MATERIAL:NYLON FLAME CLASS: UL 94V-2 COLOR : REFER TO THE TABLE
2. P.C. BOARD HOLE DIAMETER RANGE: 2.8 ~ 3.04 mm
3. ASSEMBLY DIMENSIONS ARE FOR REFERENCE PURPOSE AND MAY VARY DEPENDING UPON APPLICATION
4. ASSEMBLY PRODUCTION NUMER:
   82FT18-XX-9909-1 (BLACK PIN)
   82FT18-XX-9909-8 (NATURAL PIN)
5. COMPLY WITH EU RoHS DIRECTIVE .
△5 6. FOR CONE SPRING, THE SPRING I.D. IS INDEXED AS "SMALL I.D./ BIG I.D.".

" ( ) " MARK FOR REFERENCE DIMENSION.

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DRAWN BY	Isaac	DATE	Aug-13-2009
CHK BY	Marvin Chuang	DATE	Aug-13-2009
APP BY	Perry Lo	DATE	Aug-13-2009

MATERIL :	SEE NOTE
Project No#:	FT0904

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

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NAME : 82FT18-XX SERIES SNP — Rev 8

PART NO# : 82FT18-XX-9909-X — Sheet 1/1

■ SALES PRINT

ALL CHANGES TO OCCUR ON CAD SYSTEM

■管制文件(C)/ □ 非管制文件(U)

FT0904