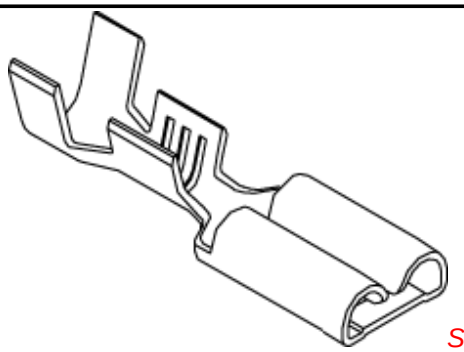
This document was generated on 04/15/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 0357181810

Status: Active

Description: 4.75mm (.187") Safe Lock Terminal, Quick Disconnect, Female, 0.30mm (.012") Tab Thickness, Wire Range 18-20 AWG (0.80-0.52mm²), Pre-Tin Plated



Series image - Reference only

Documents:

Drawing (PDF)
Product Specification PS-35161-001 (PDF)
Product Specification PS-35161-002 (PDF)
RoHS Certificate of Compliance (PDF)

Agency Certification

CSA	LR95446
TUV	R9451159
UL	E92853

General

Product Family	Quick Disconnects
Series	35718
Crimp Quality Equipment	Yes
Product Name	Safelock
Type	Quick Disconnect

Physical

Barrel Type	Open
Gender	Female
Glow-Wire Compliant	No
Insulation	None
Lock to Mating Part	Yes
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Orientation	Straight
Packaging Type	Reel
Plating min: Mating (µin)	40
Plating min: Mating (µm)	1
Plating min: Termination (µin)	40
Plating min: Termination (µm)	1
Polarized to Mating Part	No
Tab Thickness	0.30mm (.012")
Tab Width	4.75mm (.187")
Temperature Range - Operating	-40°C to +105°C
Termination Interface: Style	Crimp or Compression
Wire Insulation Diameter	3.10mm (.122") max.
Wire Size AWG	18, 20
Wire Size mm²	0.52 - 0.80

Electrical

Voltage - Maximum	250V

Material Info

Reference - Drawing Numbers

Product Specification	PS-35161-001, PS-35161-002
Sales Drawing	SD-35718-001

EU RoHS
ELV and RoHS Compliant
REACH SVHC
Contains SVHC: No
Halogen-Free Status
Halogen-Free

China RoHS

Need more information on product environmental compliance?

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, click here

Please visit the Contact Us section for any non-product compliance questions.

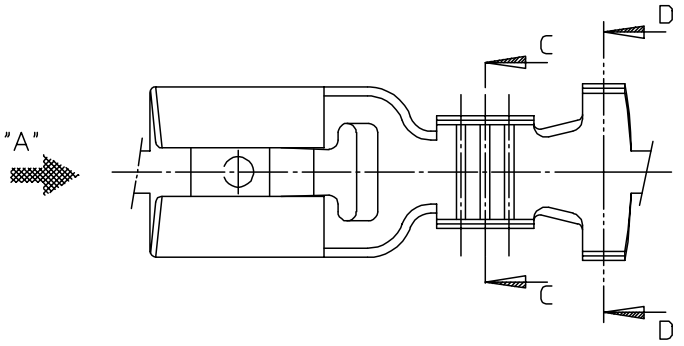
Search Parts in this Series
35718Series

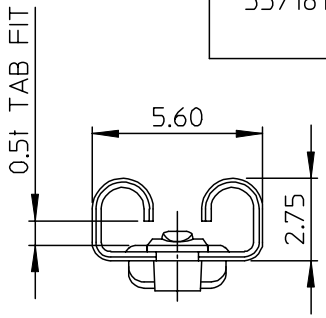
Use With
4.75mm (.187") Tab

This document was generated on 04/15/2010

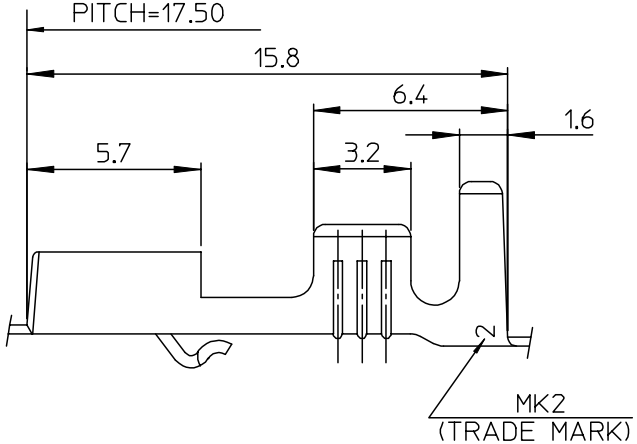
PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

MATERIAL NO.	ENG NO.	a	b	c	d	WIRE RANGE
357181610	35718-1610	2.1	2.2	3.9	3.9	AWG #24-#22
357181710	35718-1710	3.2	3.4	5.3	5.2	AWG #20-#16
357181810	35718-1810	4.0	4.0	--	--	AWG #20+#20 AWG #18+#20 AWG #18+#18



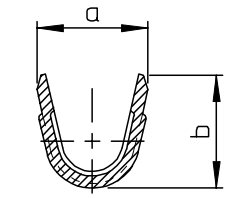


VIEW "A"

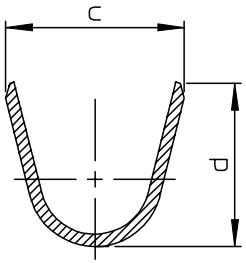


NOTES

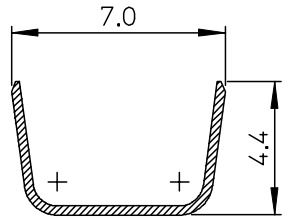
1. MATERIAL : BRASS,0.30mm THICKNESS
2. FINISH : PRE-PLATED TIN
3. MATING TAB THICKNESS: 0.5mm
4. RECOMMENDED LENGTH OF WIRE STRIP IS 4.5-5.0mm



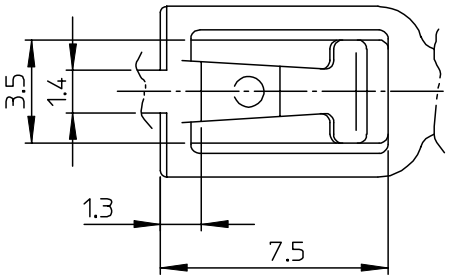
SECTION C-C



SECTION D-D



SECTION D-D
(35718-1810)



DO NOT SCALE DRAWING
DIMENSION IN METRIC

DWG. NO. SD-35718-001
SIMILAR ITEM
PROJECT NO.

REDRAWN
ECN NO. KOR2004-0079
DRWN: C.B.CHIN 03/12/08
CH'K: W.Y.YANG
APPR: C.W.LEE

DESCRIPTION

B

REV

QUALITY SYMBOLS
MAJOR ▼ - 0
CRITICAL ▽C - 0

GENERAL TOLERANCES: (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	±0.	±-
3 PLACES	±0.	±-
2 PLACES	±0.30	±-
1 PLACE	±0.30	±-
ANGULAR: ± 1 °		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

SCALE 5:1
DESIGN UNITS ☒mm ☐INCH
THIRD ANGLE PROJECTION
DIMENSIONS: ☐mm/INCH ☐INCH/mm ☒mm ONLY
SHT REV
REVISE ON CAD ONLY

DRAWN BY & DATE J.S.KANG 94/01/04
CHECKED BY & DATE B.K.CHOI 94/01/04
APPROVED BY & DATE C.W.LEE 94/01/04

TITLE: .187 SAFE LOCK RECEPTACLE

MOLEX INCORPORATED

CAD FILENAME S7181610AA.MI
MATERIAL NO. SEE CHART
DRAWING NO. SD-35718-001
SHEET NO. 1 OF 1

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SIZE B

KOREA MX-A3