This document was generated on 04/13/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

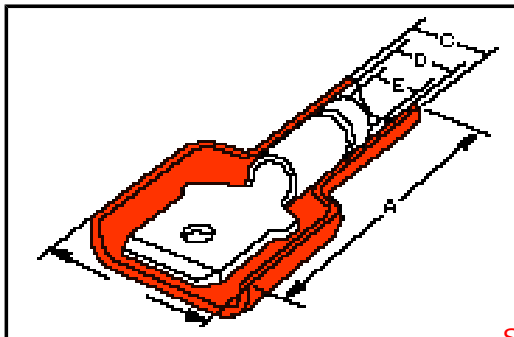
Part Number: 0190010001

Status: Active

Description: Avikrimp™ Quick Disconnect, Male, for 18-22 (0.80-0.35), Box, Tab 6.35mm (.250") x 0.81mm (.032")

Documents:

Drawing (PDF) | RoHS Certificate of Compliance (PDF)



Series image - Reference only

Agency Certification

CSA	LR18689
TUV	R9071070
UL	E79133

General

Product Family	Quick Disconnects
Series	19001
Crimp Quality Equipment	Yes
Product Name	Avikrimp™
Type	Quick Disconnect

Physical

Barrel Type	Closed
Flammability	94V-0
Gender	Male
Glow-Wire Compliant	No
Insulation	Nylon (PA)
Lock to Mating Part	None
Material - Metal	Brass
Material - Plating Mating	Zinc Chromate
Material - Plating Termination	Zinc Chromate
Orientation	Straight
Packaging Type	Bag
Plating min: Mating (µin)	200
Plating min: Mating (µm)	5
Plating min: Termination (µin)	200
Plating min: Termination (µm)	5
Polarized to Mating Part	No
Tab Thickness	0.81mm (.032")
Tab Width	6.35mm (.250")
Temperature Range - Operating	-65°C to +105°C
Wire Insulation Diameter	3.56mm (.140") max.
Wire Size AWG	18, 20, 22
Wire Size mm²	0.35 - 0.80

Electrical

Voltage - Maximum	300V

Material Info

Old Part Number	AA-5260

Reference - Drawing Numbers

Sales Drawing	SD-19001-003

EU RoHS
ELV and RoHS Compliant
REACH SVHC
Not Reviewed
Halogen-Free Status
Not Reviewed

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
19001Series

Use With
19002-0001 , 19002-0002 , 19002-0004

Application Tooling | **FAQ**

Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.

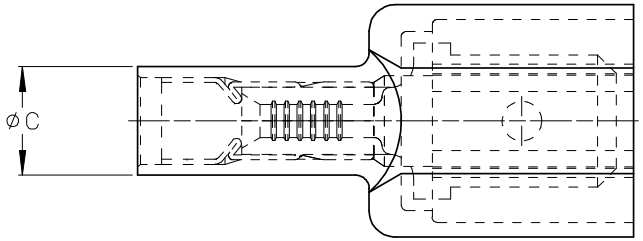
Global

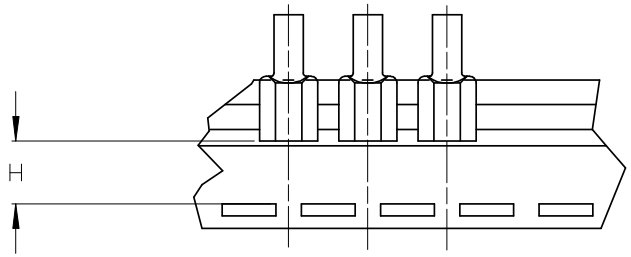
Description	Product #
Hand Crimp Tool	0640012600
Crimp Head for the AT-200™ Pneumatic Hand Tool	0640052600

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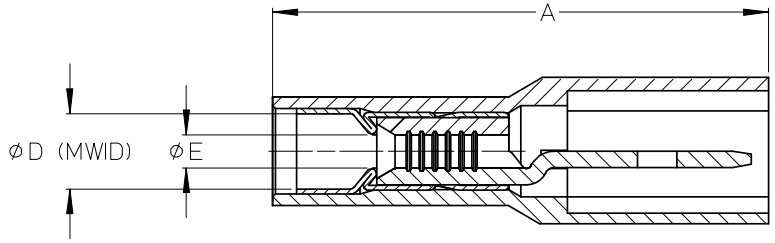
PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

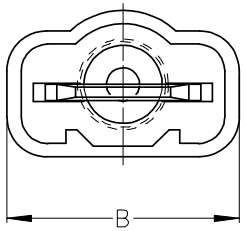
ASSEMBLY NUMBER		TAPE NUMBER		ITEM DESCRIPTION			DIMENSIONS					
MATERIAL NUMBER	ENGINEERING NUMBER	MATERIAL NUMBER	TAPE ENG. NUMBER	COLOR	WIRE GAUGE	TAB SIZE	'A' MAX	'B' MAX	'C' MAX	'D' MIN	'E' MIN	'H' REF
190010001	AA-5260	190010002	AA-5260T	RED	22-18AWG (0.38-0.96mm²)	.250 x .032 (6.35 x 0.81)	.96/24.4	.45/11.4	.22/5.6	.140/3.56	(A).054/1.37	.48/12.2
190010003	AA-5266	190010005	AA-5266T	RED	22-18AWG (0.38-0.96mm²)	.187 x .020 (4.75 x 0.51)	.90/22.9	.38/9.7	.22/5.6	.170/4.32	(A).054/1.37	.52/13.3
190010006	BB-5262	190010007	BB-5262T	BLUE	16-14 AWG (1.23-1.94mm²)	.250 x .032 (6.35 x 0.81)	.96/24.4	.45/11.4	.25/6.4	.140/3.56	.084/2.13	.48/12.2
190010008	BB-5268	190010009	BB-5268T	BLUE	16-14 AWG (1.23-1.94mm²)	.187 x .020 (4.75 x 0.51)	.90/22.9	.38/9.7	.25/6.4	.170/4.32	.084/2.13	.52/13.3





TAPE MOUNTING DETAIL





(A) NOTES:
1. TERMINAL MATERIAL: BRASS
2. TERMINAL PLATING: ZINC CHROMATE
3. HOUSING: 6/6 NYLON
4. MWID: MAXIMUM WIRE INSULATION DIAMETER
5. TAB DIMENSIONS CONFORM TO UL310 SPECIFICATIONS.
6. ASSEMBLY IS ROHS COMPLIANT

REDRAW, MATERIALS
EC NO: ETC2007-0081 2008/01/28
DRWN: EHILE 2008/01/28
CH'KD: JMACNEIL 2008/02/13
APPR: JMACNEIL
DESCRIPTION
REV
A

QUALITY SYMBOLS
▼=0
▽(C)=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± .005
2 PLACES	± 0.13	± .01
1 PLACE	± 0.25	± ---
ANGULAR ±---°		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE (A) IN/MM
SCALE 4:1
DESIGN UNITS INCH
THIRD ANGLE PROJECTION

DRAWN BY RCM DATE 1990/05/11
CHECKED BY RDEROSS DATE 1990/05/11
APPROVED BY RDEROSS DATE 1990/05/11

TITLE: AVIKRIMP FULLY INSULATED MALE TAB

MOLEX INCORPORATED

MATERIAL NO. SEE CHART
DOCUMENT NO. SD-19001-003
SHEET NO. 1 OF 1
SIZE B

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