

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0190060001](#)
Status: **Active**
Description: Avikrimp™ Quick Disconnect for 18-22 AWG Wire, Female Flag, Tab 6.35mm (.250") x 0.81mm (.032")

Documents:
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

CSA	LR18689
UL	E79133

General

Product Family	Quick Disconnects
Series	19006
Crimp Quality Equipment	Yes
MolexKits	Yes
Product Name	Avikrimp™
Type	Quick Disconnect

Physical

Barrel Type	Closed
Color - Resin	Natural
Flammability	94V-0
Gender	Female
Glow-Wire Compliant	No
Insulation	Nylon (PA)
Lock to Mating Part	None
Material - Metal	Brass
Material - Resin	Nylon
Orientation	Flag
Packaging Type	Bag
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	3.81mm (.150") max.
Wire Size AWG	18, 20, 22
Wire Size mm²	0.35 - 0.80

Electrical

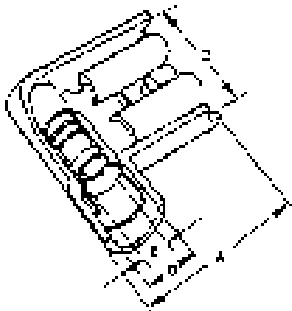
Voltage - Maximum	600V
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Material Info

Old Part Number	AA-5220
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Reference - Drawing Numbers

Sales Drawing	SD-19006-001
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Series
image - Reference only

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
[19006Series](#)

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	0640014300
Crimp Head for the AT-200™ Pneumatic Hand Tool	0640054300

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10		9		8		7		6			5		4		3		2		19006	
MATERIAL NO.	ENG. NO.	MATERIAL NO. TAPE MOUNTED	ENG. NO. TAPE MOUNTED	MATERIAL NO. STRIP MOUNTED	ENG. NO. STRIP MOUNTED	AWG	COLOR	MWID	"L" ±.015/.381	"E" ±.015/.381	"C" DIA ±.015/.381	"G" ±.015/.381	"H" ±.015/.381							
190060001	AA-5220	190060003	AA-5220T	190060004	AA-5220Z	22-18	RED	.150/3.81	.620/15.75	.512/13.00	.222/5.64	.690/17.53	.196/4.98							
190060011	BB-5221	190060013	BB-5221T	190060014	BB-5221Z	16-14	BLUE	.170/4.32		.500/12.70	.242/6.15	.690/17.53	.196/4.98							
190060019	C-5211	190060020	C-5211T	190060070	C-5211Z	12-10	YELLOW	.245/6.22	.667/16.94	.511/12.98	.311/7.90	.677/17.20	.246/6.25							

F

F

E

E

D

D

C

C

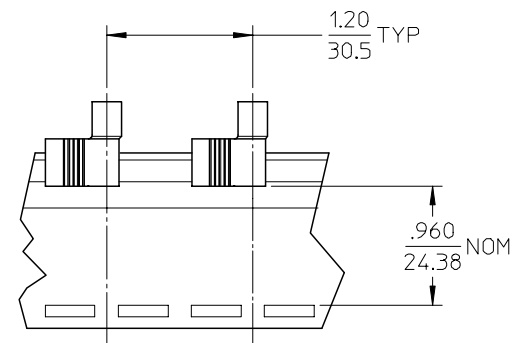
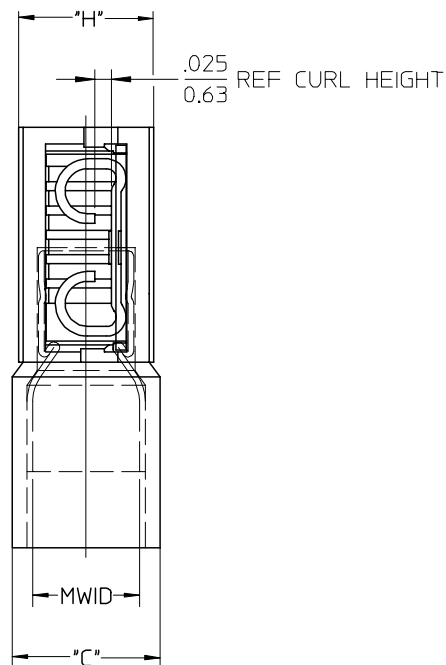
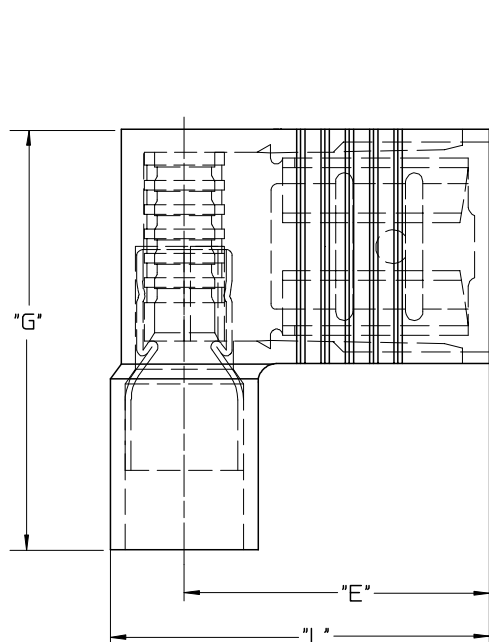
B

B

A

A

tb_frame_B
rev. B1 2000/08/01



SALES DRAWING

NOTES:

1. MATERIAL: BRASS.
PLATING: ELECTROPLATE TIN.
2. INSULATION: NYLON.
3. MWID=MAXIMUM WIRE INSULATION DIA.
4. ALL DIMENSIONS IN INCHES (MM).

EC NO: ETC2004-0126 DRWN:DMYRICK 2004/01/06 CHKD:SBEITZEL 2004/01/06 APPR:RDEROSS 2004/01/07		QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION		REVISE ON CAD ONLY	
					NTS	INCH				
					DIMENSION STYLE		TITLE AVIKRIMP FLAG FULLY INSULATED .250 TAB WIDTH			
					IN/MM					
DESCRIPTION	▼ - 0 ◁ - 0	4 PLACES	± ---	± ---	DRAWN BY DMYRICK		DATE 03/12/26		MOLEX INCORPORATED (SEE CHART)	
		3 PLACES	± ---	± .005						
		2 PLACES	± 0.13	± .01	CHECKED BY SBEITZEL		DATE 03/12/26			
		1 PLACE	± 0.25	± ---						
		ANGULAR ±1/2°			APPROVED BY RDEROSS		DATE 03/12/26			
REV	B	DRAFT WHERE APPLICABLE					DOCUMENT NO. SD-19006-001		SHEET NO. 1 OF 1	
		MUST REMAIN WITHIN DIMENSIONS			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

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