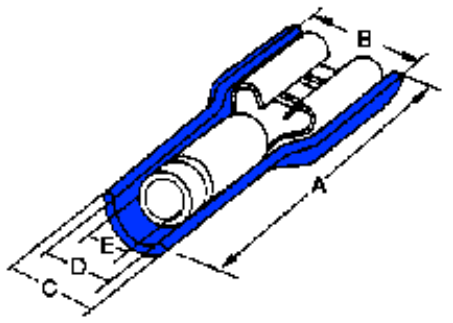
This document was generated on 04/21/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 0190020042
Status: Active
Description: Avikrimp™ Fully Insulated Quick Disconnect, Female, for 14-16 AWG Wire, Box



Series image - Reference only

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

Agency Certification

UL	E79133

General

Product Family	Quick Disconnects
Series	19002
Crimp Quality Equipment	Yes
Product Name	Avikrimp™
Type	Quick Disconnect

Physical

Barrel Type	Closed
Flammability	94V-2
Gender	Female
Glow-Wire Compliant	No
Insulation	Nylon (PA)
Lock to Mating Part	None
Material - Metal	Brass
Orientation	Straight
Packaging Type	Bag
Polarized to Mating Part	No
Tab Thickness	0.81mm (.032")
Tab Width	5.21mm (.205")
Temperature Range - Operating	-65°C to +105°C
Wire Insulation Diameter	3.94mm (.155") max.
Wire Size AWG	14, 16
Wire Size mm²	1.30 - 2.00

Electrical

Voltage - Maximum	300V

Material Info

Old Part Number	BB-5289

Reference - Drawing Numbers

Sales Drawing	SD-19002-004

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
19002Series

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.

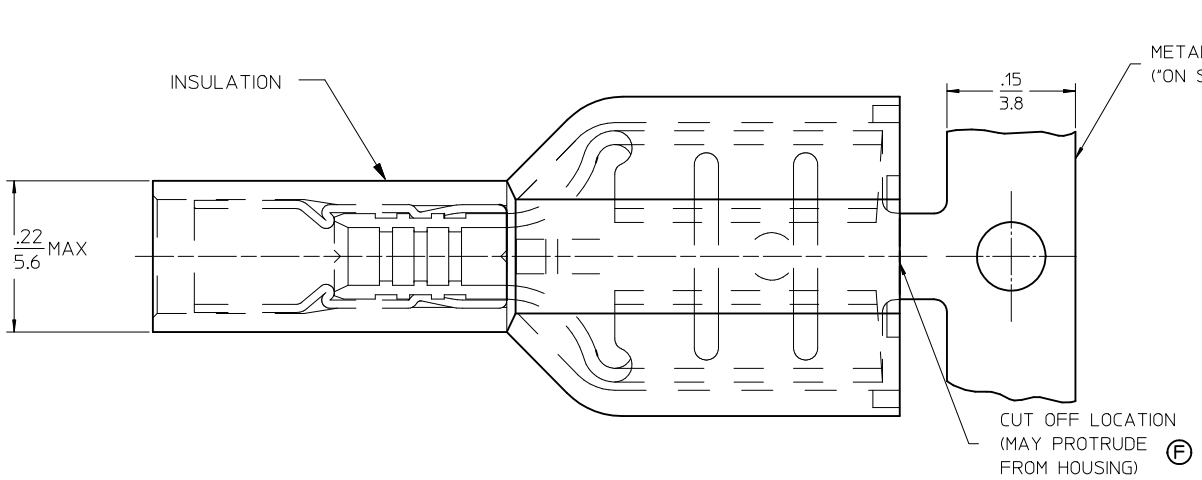
Global

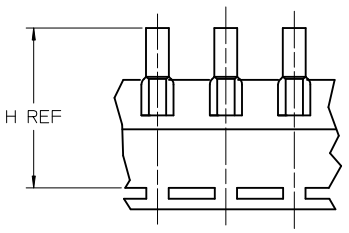
Description	Product #
Hand Crimp Tool	0640011100
Crimp Head for the AT-200™ Pneumatic Hand Tool	0640051100

This document was generated on 04/21/2010

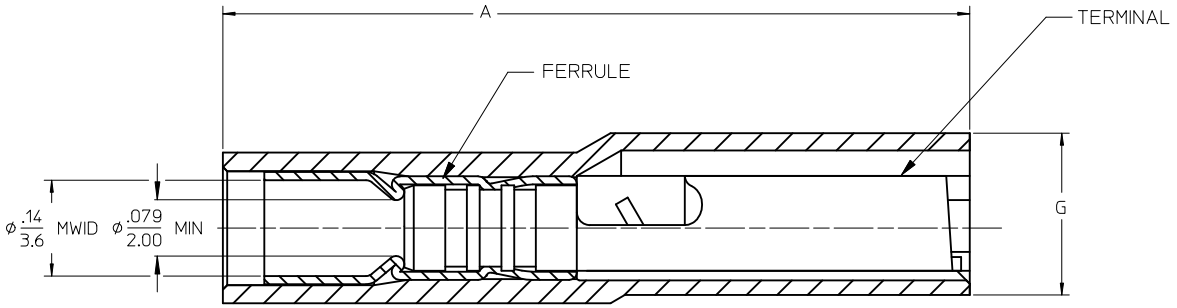
PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

MATERIAL NUMBER LOOSE PCS	ENGINEERING NUMBER LOOSE PCS	MATERIAL NUMBER ON STRIP	ENGINEERING NUMBER ON STRIP	MATERIAL NUMBER ON TAPE	ENGINEERING NUMBER ON TAPE	MATERIAL NUMBER REVERSE WOUND	ENGINEERING NUMBER REVERSE WOUND	ACCEPTS TAB SIZE	STOCK THICKNESS	"A" MAX	"B" MAX	"F" REF	"G" MAX	"H" REF
190020024	BB-5263	190020027	BB-5263Z	190020025	BB-5263T	190020026	BB-5263TR	.250x.032 (6.35x0.81)	.016/0.41	.89/22.6	.38/9.7	.16/4.1	.20/5.1	1.425/36.20
190020040	BB-5287	190020041	BB-5287Z	190020048	BB-5287T	---	---	.205x.020 (5.21x0.51)	.016/0.41	.80/20.3	.32/8.1	.16/4.1	.22/5.6	1.415/35.94
190020042	BB-5289	190020061	BB-5289Z	190020043	BB-5289T	---	---	.205x.032 (5.21x0.81)	.016/0.41	.80/20.3	.32/8.1	.16/4.1	.22/5.6	1.415/35.94
190020028	BB-5269	190020030	BB-5269Z	190020029	BB-5269T	---	---	.187x.020 (4.75x0.51)	.016/0.41	.80/20.3	.32/8.1	.16/4.1	.22/5.6	1.415/35.94
190020031	BB-5273	190020033	BB-5273Z	190020032	BB-5273T	---	---	.187x.032 (4.75x0.81)	.016/0.41	.80/20.3	.32/8.1	.16/4.1	.22/5.6	1.415/35.94
190020034	BB-5277	190020036	BB-5277Z	190020035	BB-5277T	---	---	.110x.020 (2.79x0.51)	.012/0.31	.80/20.3	.23/5.8	.13/3.3	.22/5.6	1.395/35.43
190020037	BB-5281	190020039	BB-5281Z	190020038	BB-5281T	---	---	.110x.032 (2.79x0.81)	.012/0.31	.80/20.3	.23/5.8	.13/3.3	.22/5.6	1.395/35.43

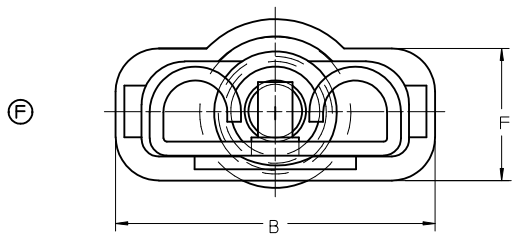




PARTS ON TAPE



FOR CLARITY, TERMINAL COMPONENT IS NOT SECTIONED



SALES DRAWING

NOTES:

1. MATERIAL: TERMINAL BRASS
   TERMINAL PLATING: ELECTRO TIN
   FERRULE: COPPER ALLOY Ⓕ
   FERRULE PLATING: ELECTRO TIN
   INSULATION: NYLON 94V2, COLOR BLUE.
2. MWID = MAXIMUM WIRE INSULATION DIAMETER
3. ASSEMBLY IS ROHS COMPLIANT.

FERRULE MAT'L DESCR
EC NO: WNA2009-0510 2010/01/04
DRWN:ETHRODAHL 2010/01/05
CH'KD: JMACNEIL 2010/01/05
APPR: JMACNEIL
DESCRIPTION
REV

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 ±1/2°		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: IN/MM
SCALE: 1:1
DESIGN UNITS: INCH
THIRD ANGLE PROJECTION

		DATE
DRAWN BY	BENDERLE	2005/04/11
CHECKED BY	R DEROSS	2005/04/11
APPROVED BY	R DEROSS	2005/04/11

TITLE: AVIKRIMP FEMALE FIQD 16-14 AWG

molex MOLEX INCORPORATED

MATERIAL NO.: SEE CHART
DOCUMENT NO.: SD-19002-004
SHEET NO.: 1 OF 1
SIZE: C

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