

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0190020035](#)
Status: **Active**
Description: Avikrimp™ Fully Insulated Quick Disconnect, Female, for 14-16 AWG Wire, Mylar Tape

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

Agency Certification

CSA	LR18689
TUV	R72090224
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	Adhesive Tape on Reel
Polarized to Mating Part	No
Tab Thickness	0.51mm (.020")
Tab Width	2.79mm (.110")
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
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Material Info

Old Part Number	BB-5277T
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Reference - Drawing Numbers

Sales Drawing	SD-19002-004
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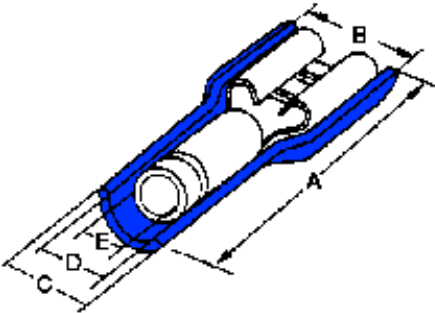


image - Reference only

Series

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

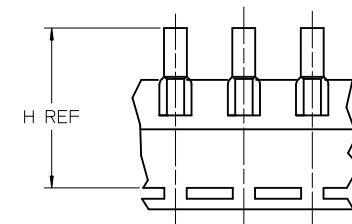
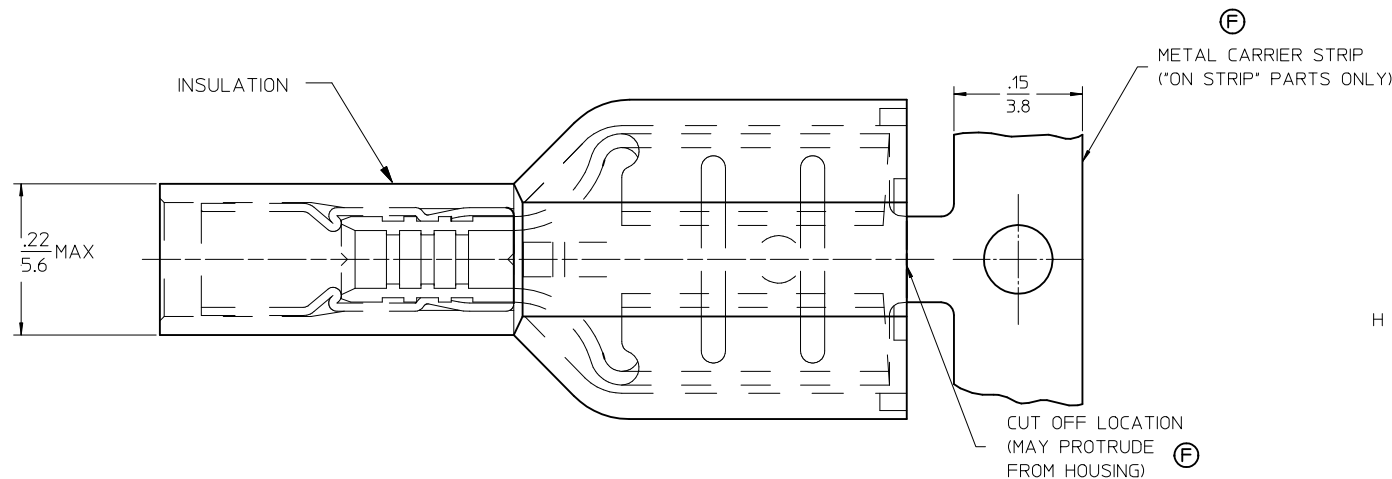
Mini-Mac™
Applicator

Product #

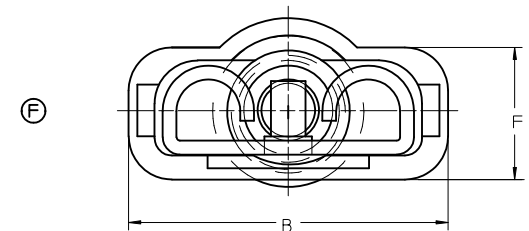
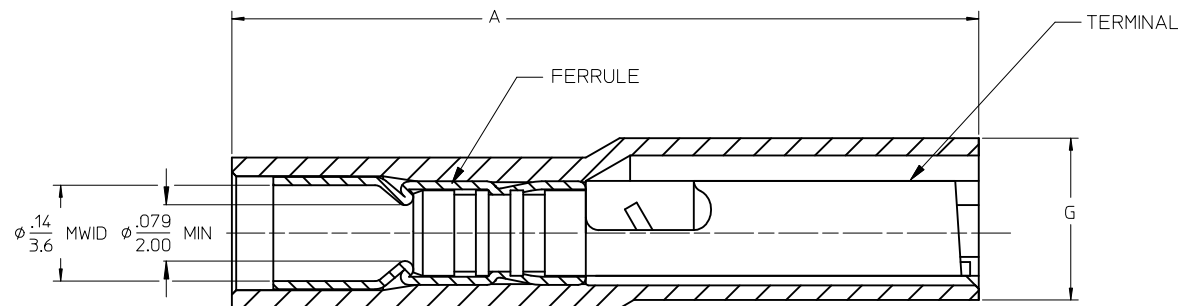
[0638851800](#)

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13		12		11		10		9		8		7		6		5		4		3		2		1	
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:

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

FERRULE MAT'L DESCR EC NO: WNA2009-0510 DRAWN:ETHRODAHL 2010/01/04 CHKD:JMACNEIL 2010/01/05 APPR:JMACNEIL 2010/01/05	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE 1:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION	
		mm	INCH	DRAWN BY BENDERLE	DATE 2005/04/11	TITLE AVIKRIMP FEMALE FIQD 16-14 AWG			
		4 PLACES ± ---	± ---	CHECKED BY R DEROSS	DATE 2005/04/11	MOLEX INCORPORATED			
		3 PLACES ± ---	± .005	APPROVED BY R DEROSS	DATE 2005/04/11				
		2 PLACES ± 0.13	± .01						
		1 PLACE ± 0.25	± ---						
		ANGULAR ± 1/2°							
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART					
				MATERIAL NO. SD-19002-004					
				SIZE C					
						THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			