

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [0190010009](#)  
**Status:** **Active**  
**Description:** Avikrimp™ Quick Disconnect, Male, for 14-16 (2.00-1.30), Mylar Tape, Tab 4.75mm (.187") x 0.51mm (.020")

**Documents:**

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

**Agency Certification**

CSA	LR18689
TUV	R9071070
UL	E79133

**General**

Product Family	Quick Disconnects
Series	<a href="#">19001</a>
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	Copper
Material - Plating Mating	Zinc Chromate
Material - Plating Termination	Zinc Chromate
Orientation	Straight
Packaging Type	Adhesive Tape on Reel
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	0.51mm (.020")
Tab Width	4.75mm (.187")
Temperature Range - Operating	-65°C to +105°C
Wire Insulation Diameter	4.32mm (.170") max.
Wire Size AWG	14, 16
Wire Size mm²	1.30 - 2.00

**Electrical**

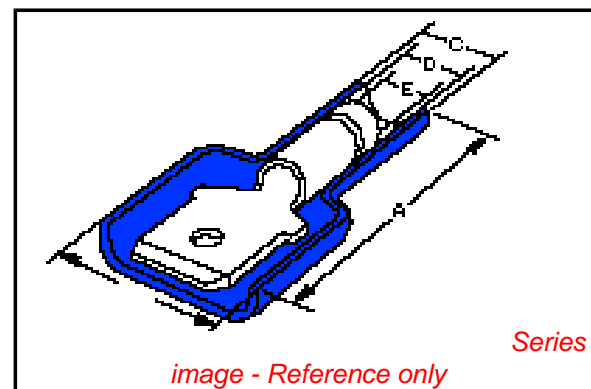
Voltage - Maximum	300V
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**Material Info**

Old Part Number	BB-5268T
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**Reference - Drawing Numbers**

Sales Drawing	SD-19001-003
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**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](mailto: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**

[19002-0028](#) , [19002-0029](#) , [19002-0030](#)

**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.*

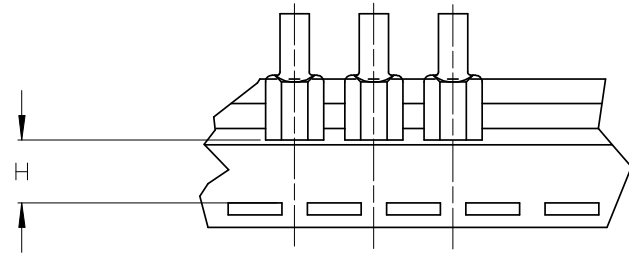
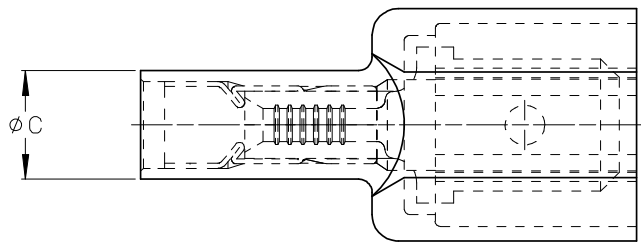
**Global**

Description	Product #
Crimp Dies for MTA-100 Tape Applicator used in 3BF Press, MTA-105 Tape Applicator used in TM-2000™ Press, and ATP-301 Air Crimping Press for Mylar Tape Mounted Terminals	<a href="#">0192880070</a>

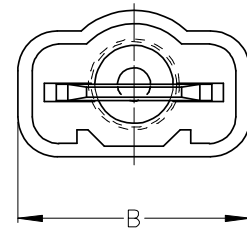
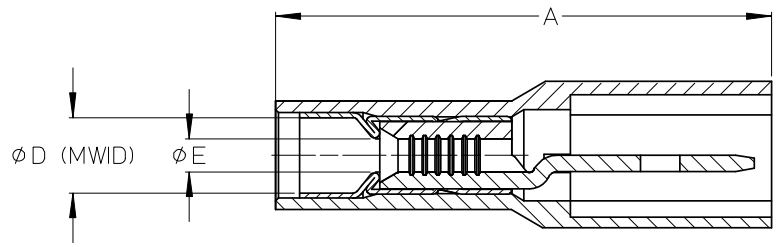
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ASSEMBLY NUMBER		TAPE NUMBER		ITEM DESCRIPTION			DIMENSIONS					
MATERIAL NUMBER	ENGINEERING NUMBER	MATERIAL NUMBER	TAPE ENG. NUMBER	COLOR	WIRE GAUGE	TAB SIZE	'A' MAX	'B' MAX	'C' MAX	'D' MIN	'E' MIN	'H' REF
190010001	AA-5260	190010002	AA-5260T	RED	22-18AWG (0.38-0.96mm <sup>2</sup> )	.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 (0.38-0.96mm <sup>2</sup> )	.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 (1.23-1.94mm <sup>2</sup> )	.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 (1.23-1.94mm <sup>2</sup> )	.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  
 EEC NO: ETC2007-0081  
 DRWN:EHILE 2008/01/28  
 CHKD:MACNEIL 2008/01/28  
 APPR:MACNEIL 2008/02/13

QUALITY SYMBOLS  
 ▽=0  
 ▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)	
	INCH
4 PLACES	±---
3 PLACES	±.005
2 PLACES	±.01
1 PLACE	±---
ANGULAR ±---°	

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE (A)	
IN/MM	
DRAWN BY	DATE
RCM	1990/05/11
CHECKED BY	DATE
RDEROSS	1990/05/11
APPROVED BY	DATE
RDEROSS	1990/05/11
MATERIAL NO.	SEE CHART
SIZE	B

SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
4:1	INCH	☉
TITLE		
AVIKRIMP FULLY INSULATED MALE TAB		
MOLEX INCORPORATED		
MATERIAL NO.	DOCUMENT NO.	SHEET NO.
SD-19001-003		1 OF 1
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