

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

**Part Number:** **0190180003**  
**Status:** **Active**  
**Description:** VibraKrimp™ Quick Disconnect, Female, for 18-22 (0.80-0.35) Wire, Mylar Tape, Tab 4.75mm (.187") x 0.81mm (.032")

**Documents:**

[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-19902-005 \(PDF\)](#)

**Agency Certification**

CSA LR18689  
 UL E79133

**General**

Product Family Quick Disconnects  
 Series 19018  
 Comments Butted Seam  
 Crimp Quality Equipment Yes  
 Product Name VibraKrimp™  
 Type Quick Disconnect

**Physical**

Barrel Type Closed  
 Gender Female  
 Glow-Wire Compliant No  
 Insulation None  
 Lock to Mating Part None  
 Material - Metal Brass  
 Orientation Straight  
 Packaging Type Adhesive Tape on Reel  
 Polarized to Mating Part No  
 Tab Thickness 0.81mm (.032")  
 Tab Width 4.75mm (.187")  
 Temperature Range - Operating Per Wire Specification  
 Wire Insulation Diameter 1.50-3.20mm (.060-.125") max.  
 Wire Size AWG 18, 20, 22  
 Wire Size mm<sup>2</sup> 0.35 - 0.80

**Electrical**

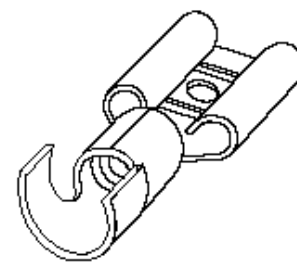
Voltage - Maximum Per Wire Specification

**Material Info**

Old Part Number AA-4173-032T

**Reference - Drawing Numbers**

Product Specification PS-19902-005  
 Sales Drawing SD-19018-001



Series  
 image - Reference only

**EU RoHS**

**ELV and RoHS Compliant**  
**REACH SVHC Contains SVHC: No**  
**Halogen-Free Status**

**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**

19018Series

**Application Tooling | FAQ**

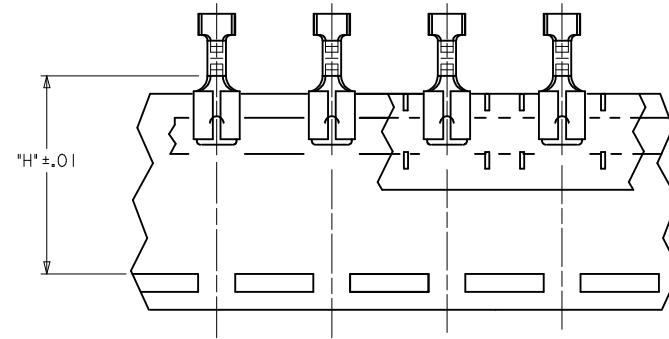
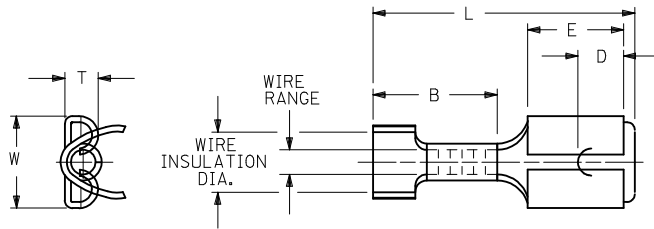
*Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.*

**Global**

Description	Product #
Mini-Mac™ Mylar Tape Applicator for VibraKrimp™ Quick Disconnect Terminals 18-22 AWG	0638858500
ATP Perishable Tool Kit used in ATP presses that process product on tape	0190270046

**PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION**

13	12	11	10	9	8	7	6	5	4	3	2	1		
MATERIAL NO. LOOSE PIECE	ENGINEERING P/N LOOSE PIECE	MATERIAL NO. TAPE MOUNTED	ENGINEERING P/N TAPE MOUNTED	WIRE RANGE AWG	FITS TAB SIZE	STOCK THICK.	L ±.032	B ±.016	W ±.016	D ±.01	T ±.016	E ±.016	H NOMINAL	WIRE INSULATION DIAMETER REF.
190180044	M-4172	190180047	M-4172T	26-24	.187x.020 (4.75x0.51)	.016 (0.41)	.660 (16.76)	.315 (8.00)	.231 (5.87)	.12 (3.0)	.088 (2.24)	.250 (6.35)	.98 (24.9)	.040-.095 (1.02-2.41)
190180001	AA-4173	190180004	AA-4173T	22-18	.187x.020 (4.75x0.51)	.016 (0.41)	.692 (17.58)	.350 (8.89)	.231 (5.87)	.12 (3.0)	.088 (2.24)	.250 (6.35)	.98 (24.9)	.060-.125 (1.52-3.18)
190180011	BB-4174	190180013	BB-4174T	16-14	.187x.020 (4.75x0.51)	.016 (0.41)	.692 (17.58)	.350 (8.89)	.231 (5.87)	.12 (3.0)	.088 (2.24)	.250 (6.35)	.98 (24.9)	.085-.145 (2.16-3.68)
190180021	P-4175	190180055	P-4175T	14-12	.187x.020 (4.75x0.51)	.016 (0.41)	.692 (17.58)	.350 (8.89)	.231 (5.87)	.12 (3.0)	.088 (2.24)	.250 (6.35)	.98 (24.9)	.100-.175 (2.54-4.45)
190180045	M-4172-032	190180046	M-4172-032T	26-24	.187x.032 (4.75x0.81)	.016 (0.41)	.660 (16.76)	.315 (8.00)	.231 (5.87)	.12 (3.0)	.094 (2.39)	.250 (6.35)	.98 (24.9)	.040-.095 (1.02-2.41)
190180002	AA-4173-032	190180003	AA-4173-032T	22-18	.187x.032 (4.75x0.81)	.016 (0.41)	.692 (17.58)	.350 (8.89)	.231 (5.87)	.12 (3.0)	.094 (2.39)	.250 (6.35)	.98 (24.9)	.060-.125 (1.52-3.18)
190180012	BB-4174-032	190180036	BB-4174-032T	16-14	.187x.032 (4.75x0.81)	.016 (0.41)	.692 (17.58)	.350 (8.89)	.231 (5.87)	.12 (3.0)	.094 (2.39)	.250 (6.35)	.98 (24.9)	.085-.145 (2.16-3.68)
190180022	P-4175-032	190180023	P-4175-032T	14-12	.187x.032 (4.75x0.81)	.016 (0.41)	.692 (17.58)	.350 (8.89)	.231 (5.87)	.12 (3.0)	.094 (2.39)	.250 (6.35)	.98 (24.9)	.100-.175 (2.54-4.45)



Ⓐ TAPE-MOUNTED PARTS

SALES DRAWING

NOTES

1. MATERIAL: BRASS
2. PLATING: TIN
3. STYLE OF PART IS "VIBRAKRIMP" WITH CLOSED ELECTRICAL BARREL AND OPEN VIBRATION SUPPORT.
- Ⓐ 4. PART IS ROHS COMPLIANT.

<b>CORRECT DIMS MARKED</b> EC NO: MNA2009-0212 DRWNG: THRODAHL 2008/10/07 CHKD: JMACNEIL 2008/10/07 APPR: JMACNEIL 2008/10/08	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) <table border="1"> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> <tr> <td>4 PLACES</td> <td>± ---</td> <td>± ---</td> </tr> <tr> <td>3 PLACES</td> <td>± ---</td> <td>± ---</td> </tr> <tr> <td>2 PLACES</td> <td>± ---</td> <td>± ---</td> </tr> <tr> <td>1 PLACE</td> <td>± ---</td> <td>± ---</td> </tr> </table>		mm	INCH	4 PLACES	± ---	± ---	3 PLACES	± ---	± ---	2 PLACES	± ---	± ---	1 PLACE	± ---	± ---	DIMENSION STYLE IN/MM Ⓐ	SCALE ---	DESIGN UNITS INCH	THIRD ANGLE PROJECTION
		mm	INCH																		
	4 PLACES	± ---	± ---																		
	3 PLACES	± ---	± ---																		
2 PLACES	± ---	± ---																			
1 PLACE	± ---	± ---																			
			DRAWN BY EMF	DATE 1992/08/21	TITLE QUICK DISCONNECT, VIBRAKRIMP, .187 TAB CLOSED ELEC/OPEN STRAIN																
			CHECKED BY	DATE	MOLEX INCORPORATED																
			APPROVED BY	DATE	MATERIAL NO. SEE CHART	DOCUMENT NO. SD-19018-001 Ⓐ															
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE C	SHEET NO. 1 OF 1															