

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 0190250003

Status: **Active**

Description: Avikrimp™ Quick Disconnect, Male, for 18-22 (0.80-0.35) Wire, Mylar Tape, Tab
4.75mm (.187") x 0.51mm (.020")

Documents:

[Drawing \(PDF\)](#)

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

Agency Certification

CSA	LR18689
UL	E79133

General

Product Family	Quick Disconnects
Series	<u>19025</u>
Comments	Funnel Ferrule Entry
Crimp Quality Equipment	Yes
Product Name	Avikrimp™
Type	Quick Disconnect

Physical

Barrel Type	Closed
Color - Resin	Natural
Flammability	94V-2
Gender	Male
Glow-Wire Compliant	No
Insulation	Nylon (PA)
Lock to Mating Part	None
Material - Metal	Brass
Material - Resin	Nylon
Orientation	Straight
Packaging Type	Adhesive Tape on Reel
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	6.30mm (.248") max.
Wire Size AWG	18, 20, 22
Wire Size mm²	0.35 - 0.80

Electrical

Voltage - Maximum	300V
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Material Info

Old Part Number AMCT-57T

Reference - Drawing Numbers

Sales Drawing SD-19025-002

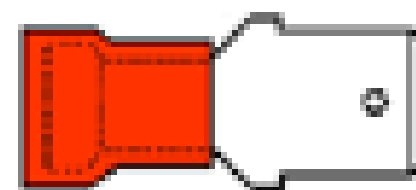


image - Reference only

Series

EU RoHS

ELV and RoHS Compliant

REACH SVHC

Not Reviewed

Halogen-Free

Status

Not Reviewed

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.



China RoHS

Search Parts in this Series

19025Series

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.

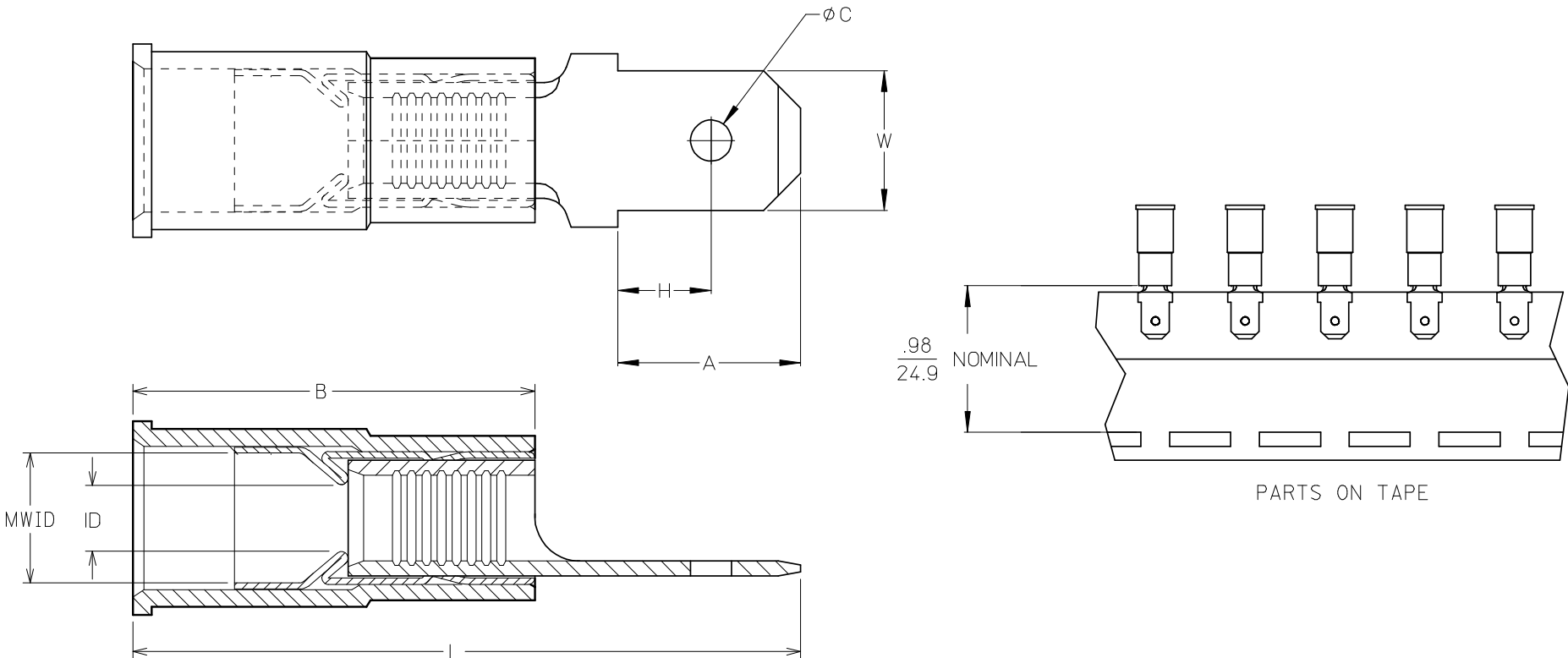
Global

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	<u>0192880004</u>
Mini-Mac™ Applicator	<u>0638853300</u>

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10		9		8		7		6		5		4		3		2		19025	
LOOSE PC MATERIAL NO.	LOOSE PC ENG. NO.	ON TAPE MAT'L NO.	ON TAPE ENG. NO.	WIRE RANGE		TAB SIZE REFERENCE		COLOR	ID MIN	B REF	MWID	L MAX	W ± .005 0.13	A MIN	H MAX	C ± .007 0.18	TERMINAL MAT'L THICKNESS - REF	TERMINAL FINISH	
190250001	AMCT-5	190250004	AMCT-5T	22-18AWG (0.38-.96mm ²)		.250x.032 (6.35x0.81)		RED	.054/1.37	.546/13.87	.138/3.51	1.00/25.4	.250/6.35	.30/7.6	.14/3.6	.075/1.91	BRASS, .032/0.81	ZINC CHROMATE	
190250007	MCT-5	190250010	MCT-5T	16-14AWG (1.23-1.94mm ²)		.250x.032 (6.35x0.81)		BLUE	.081/2.06	.546/13.87	.165/4.19	1.00/25.4	.250/6.35	.30/7.6	.14/3.6	.075/1.91	BRASS, .032/0.81	ZINC CHROMATE	
190250005	CMCT-5	190250006	CMCT-5T	12-10AWG (3.09-5.01mm ²)		.250x.032 (6.35x0.81)		YELLOW	.128/3.25	.669/16.99	.225/5.71	1.18/30.0	.250/6.35	.30/7.6	.14/3.6	.075/1.91	BRASS, .032/0.81	ZINC CHROMATE	
190250002	AMCT-57	190250003	AMCT-57T	22-18AWG (0.38-.96mm ²)		.187x.020 (4.75x0.51)		RED	.054/1.37	.546/13.87	.138/3.51	.82/20.83	.187/4.75	.24/6.1	.13/3.3	.055/1.40	BRASS, .020/0.51	ZINC CHROMATE	
190250008	MCT-57	190250009	MCT-57T	16-14AWG (1.23-1.94mm ²)		.187x.020 (4.75x0.51)		BLUE	.081/2.06	.546/13.87	.165/4.19	.82/20.83	.187/4.75	.24/6.1	.13/3.3	.055/1.40	BRASS, .020/0.51	ZINC CHROMATE	

(A) (ENTIRE CHART)



(A) (ALL NOTES)

- NOTES:
1. TERMINAL MATERIAL & FINISH: SEE CHART
 2. INSULATION MATERIAL: NYLON
 3. FERRULE:
MATERIAL: BRASS
FINISH: TIN
 4. TAB DIMENSIONS PER UL310 SPECIFICATIONS.
 5. PART IS ROHS COMPLIANT.
 6. MWID = MAXIMUM WIRE INSULATION DIAMETER

REDWN W/MATL & FIN CHG EC NO: ETC2007-0081 DRWN:EHILE 2008/01/28 CHKD:MACNEIL 2008/01/28 APPR:MACNEIL 2008/02/13 REV A	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM (A)		SCALE ---	DESIGN UNITS INCH	THIRD ANGLE PROJECTION			
		▽=0 ▽=0		mm	INCH	DRAWN BY RCM		DATE 1994/07/06	TITLE MALE QUICK DISCONNECT, AVIKRIMP			
			4 PLACES	± ---	± ---	CHECKED BY		DATE				
			3 PLACES	± ---	± ---	JM		1994/07/06				
			2 PLACES	± ---	± ---	APPROVED BY		DATE				
			1 PLACE	± ---	± ---	FP		1994/07/06				
		ANGULAR ±---°			MATERIAL NO.		DOCUMENT NO.			SHEET NO.		
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SEE CHART			SD-19025-002			1 OF 1	
					SIZE B			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				