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Part Number: [0190250007](#)
Status: **Active**
Description: Avikrimp™ Quick Disconnect for 14-16 AWG Wire, Male, 6.35mm (.250") x 0.81mm (.032") Tab

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

Agency Certification

CSA LR18689
UL E79133

General

Product Family Quick Disconnects
Series [19025](#)
Comments Funnel Ferrule Entry
Crimp Quality Equipment Yes
MolexKits 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 Bag
Polarized to Mating Part No
Tab Thickness 0.81mm (.032")
Tab Width 6.35mm (.250")
Temperature Range - Operating -65°C to +105°C
Wire Insulation Diameter 4.30mm (.170") max.
Wire Size AWG 14, 16
Wire Size mm² 1.30 - 2.00

Electrical

Voltage - Maximum 600V

Material Info

Old Part Number MCT-5

Reference - Drawing Numbers

Sales Drawing SD-19025-002

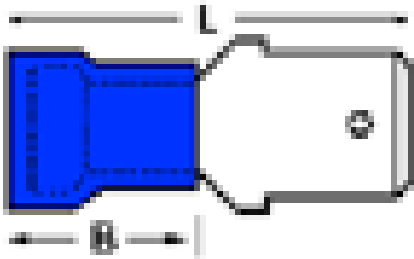


image - Reference only

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

[19025Series](#)

Application Tooling | FAQ

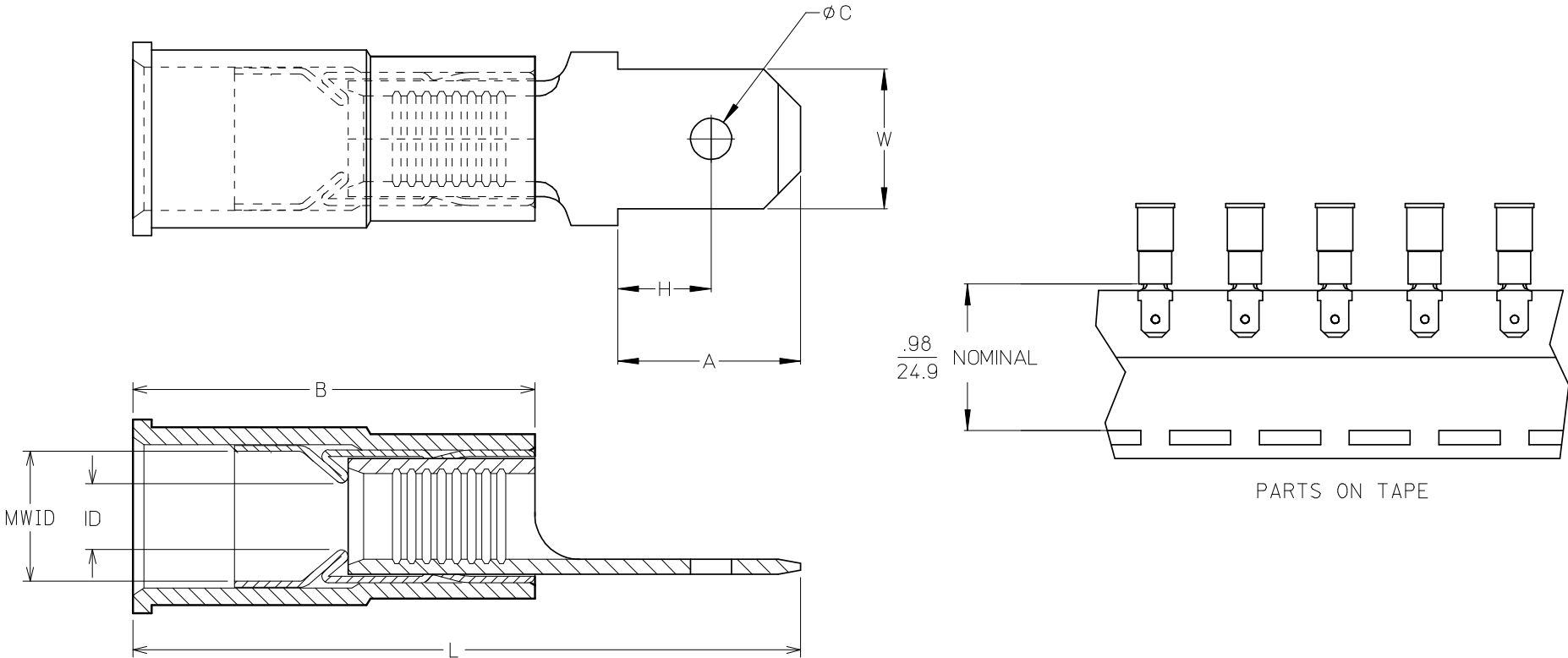
*Tooling specifications and manuals are
found by selecting the products below.
Crimp Height Specifications are then
contained in the Application Tooling
Specification document.*

Global

Description	Product #
Hand Crimp Tool	0640010100
Hand Crimp Tool	0640011400
Crimp Head for the AT-200™ Pneumatic Hand Tool	0640050100
Crimp Head for the AT-200™ Pneumatic Hand Tool	0640051400

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