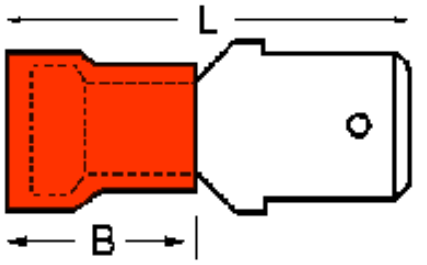
This document was generated on 06/08/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 0190250001

Status: Active

Description: Avikrimp™ Quick Disconnect for 18-22 AWG Wire, Male, 6.35mm (.250") x 0.81mm (.032") Tab



Series image - Reference only

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	Copper
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	6.30mm (.248") max.
Wire Size AWG	18, 20, 22
Wire Size mm²	0.35 - 0.80

Electrical

Voltage - Maximum	600V

Material Info

Old Part Number	AMCT-5

Reference - Drawing Numbers

Sales Drawing	SD-19025-002

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

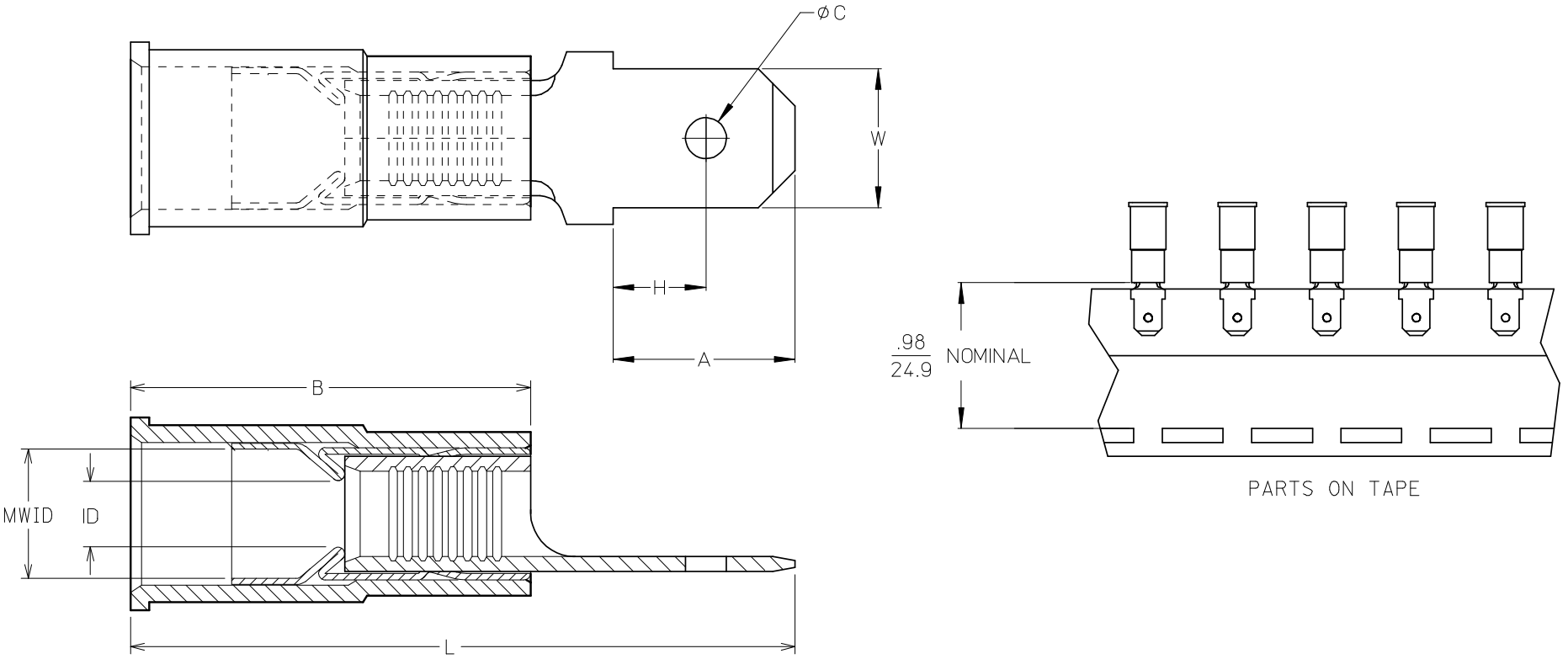
Description	Product #
Hand Crimp Tool	0640010100
Crimp Head for the AT-200™ Pneumatic Hand Tool	0640050100

This document was generated on 06/08/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

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 $\pm\frac{.005}{0.13}$	A MIN	H MAX	C $\pm\frac{.007}{0.18}$	TERMINAL MAT'L, THICKNESS - REF	TERMINAL FINISH
190250001	AMCT-5	190250004	AMCT-5T	22-18AWG (0.38-.96mm²)	.250x.032 (6.35x0.81)	RED	.054/1.37	.546/13.87	.138/3.51	1.00/25.4	.250/6.35	.30/76	.14/3.6	.075/1.91	BRASS, .032/0.81	ZINC CHROMATE
190250007	MCT-5	190250010	MCT-5T	16-14AWG (1.23-1.94mm²)	.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 (3.09-5.01mm²)	.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-.96mm²)	.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 (1.23-1.94mm²)	.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 2008/01/28
EC NO: ETC2007-0081 2008/01/28
DRWN: EHILE CH'KD: JMACNEIL 2008/01/28
APPR: JMACNEIL 2008/02/13
DESCRIPTION
A
REV

QUALITY SYMBOLS
▼=0
▽(C)=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± ---	± ---
1 PLACE	± ---	± ---
ANGULAR ±---°		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE IN/MM (A) | SCALE --- | DESIGN UNITS INCH | THIRD ANGLE PROJECTION

DRAWN BY RCM DATE 1994/07/06
CHECKED BY JM DATE 1994/07/06
APPROVED BY FP DATE 1994/07/06

TITLE: MALE QUICK DISCONNECT, AVIKRIMP

MOLEX INCORPORATED

MATERIAL NO. SEE CHART
DOCUMENT NO. SD-19025-002
SHEET NO. 1 OF 1
SIZE B

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