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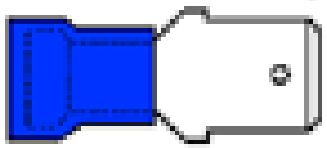
Part Number: 0190250009
Status: Active
Description: Avikrimp ™ Quick Disconnect, Male, for 14-16 AWG (2.00-1.30) Wire, Mylar Tape, Tab 4.75mm (.187") x 0.51mm (.020")



Series image - Reference only

Documents:
Drawing (PDF) | RoHS Certificate of Compliance (PDF)

Agency Certification

CSA	LR18689

General

Product Family	Quick Disconnects
Series	19025
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	Copper
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	4.30mm (.170") max.
Wire Size AWG	14, 16
Wire Size mm²	1.30 - 2.00

Electrical

Voltage - Maximum	300V

Material Info

Old Part Number	MCT-57T

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

Use With
19002-0007

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	0192880085
Mini-Mac™ Applicator	0638853400

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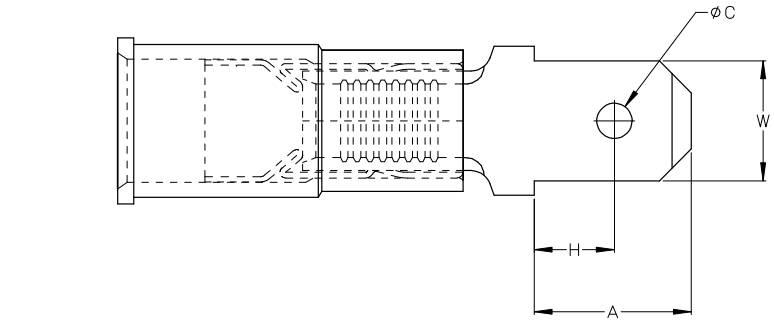
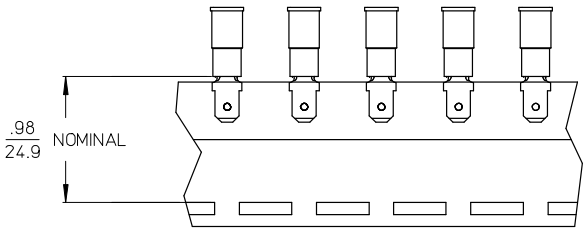
LOOSE PC MATERIAL NO.	LOOSE PC ENG. NO.	ON TAPE MAT'L NO.	ON TAPE ENG. NO.	WIRE RANGE	TAB SIZE REFERENCE	COLOR	ID MIN	B REF	MWID	L MAX	W ±.005/0.13	A MIN	H MAX	C ±.007/0.18	TERMINAL MAT'L, THICKNESS - REF	TERMINAL FINISH
190250001	AMCT-5	190250004	AMCT-5T	22-18AWG (0.38-.96mm²)	.250x.032 (6.35x0.81)	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

Ⓐ (ENTIRE CHART)





PARTS ON TAPE

Ⓐ (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

REV	DESCRIPTION		
A	REDWN W/MATL & FIN CHG	2008/01/28	
	EC NO: ETC2007-0081	2008/01/28	
	DRWN:EHILE	2008/01/28	
	CHKD:JMACNEIL	2008/02/13	
	APPR:JMACNEIL		

QUALITY SYMBOLS
▼=0
▽=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 Ⓐ | SCALE --- | DESIGN UNITS INCH | THIRD ANGLE PROJECTION

		DATE
DRAWN BY	RCM	1994/07/06
CHECKED BY	JM	1994/07/06
APPROVED BY	FP	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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tb_frame_B_P_ME_T
Rev. D 2004/04/02

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