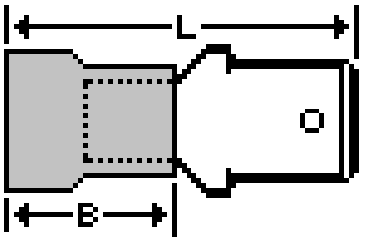
This document was generated on 04/13/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 0190230006

Status: Active

Description: InsulKrimp™ Quick Disconnect, Male, for 18-22 (0.80-0.35) Wire, Mylar Tape, Tab 6.35mm (.250") x 0.81mm (.032")



Series

image - Reference only

Documents:

Drawing (PDF)

Product Specification PS-19902-008 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

CSA	LR18689
UL	E79133

General

Product Family	Quick Disconnects
Series	19023
Comments	Funnel Entry
Crimp Quality Equipment	Yes
Product Name	InsulKrimp™
Type	Quick Disconnect

Physical

Barrel Type	Closed
Flammability	94V-0
Gender	Male
Glow-Wire Compliant	No
Insulation	PVC
Lock to Mating Part	None
Material - Metal	Copper
Orientation	Straight
Packaging Type	Adhesive Tape on Reel
Polarized to Mating Part	No
Tab Thickness	0.81mm (.032")
Tab Width	6.35mm (.250")
Temperature Range - Operating	-50°C to +105°C
Wire Insulation Diameter	3.70mm (.145") max.
Wire Size AWG	18, 20, 22
Wire Size mm²	0.35 - 0.80

Electrical

Voltage - Maximum	600V

Material Info

Old Part Number	AMCT-2XT

Reference - Drawing Numbers

Product Specification	PS-19902-008
Sales Drawing	SD-19023-004

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
19023Series

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

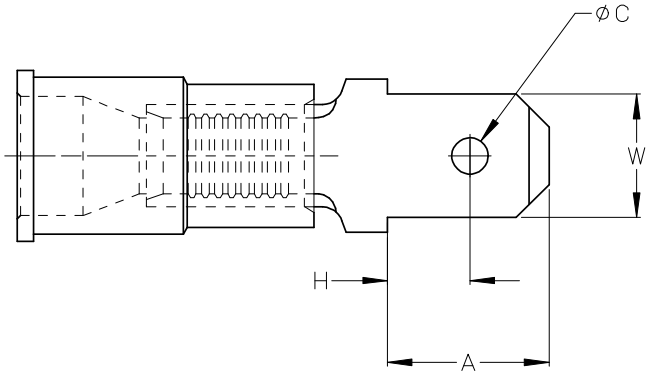
Description	Product #
Crimp Dies for MTA-100 Tape Applicator used in 3BF Press, MTA-105 Tape Applicator used in TM-2000™ Press, and ATP-301 Air Crimping Press for Mylar Tape Mounted Terminals	0192880004
Mini-Mac™ Applicator	0638853300

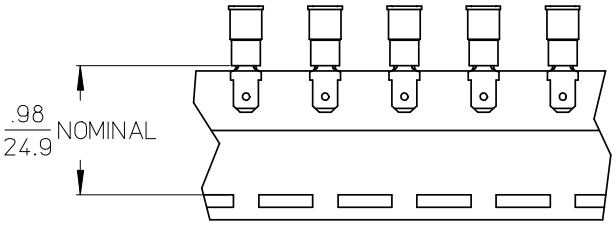
This document was generated on 04/13/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

LOOSE PC MATERIAL NUMBER	LOOSE PC ENGINEERING NUMBER	ON TAPE MATERIAL NUMBER	ON TAPE ENGINEERING NUMBER	WIRE RANGE	TAB SIZE REFERENCE	COLOR	ID MIN	B MAX	MWID	L MAX	W ±.005/0.13	A MIN	H MAX	C ± .007/0.18	TERMINAL MAT'L, THICKNESS REF.	TERMINAL FINISH
190230005	AMCT-2X	190230006	AMCT-2XT	22-18 AWG (0.38-0.96mm²)	.250x.032 (6.35x0.81)	RED	.062 /1.57	.450 /11.43	.145 /3.68	.92 /23.4	.250/6.35	.30/76	.14/3.6	.075/1.91	BRASS, .032/0.81	ZINC CHROMATE
190230012	MCT-2X	190230014	MCT-2XT	16-14 AWG (1.23-1.94mm²)	.250x.032 (6.35x0.81)	BLUE	.081 /2.06	.450 /11.43	.175 /4.44	.92 /23.4	.250/6.35	.30/7.6	.14/3.6	.075/1.91	BRASS, .032/0.81	ZINC CHROMATE
190230008	CMCT-2X	190230009	CMCT-2XT	12-10 AWG (3.09-5.01mm²)	.250x.032 (6.35x0.81)	YELLOW	.128 /3.25	.550 /13.97	.245/6.22	1.10 /27.94	.250/6.35	.30/7.6	.14/3.6	.075/1.91	BRASS, .032/0.81	ZINC CHROMATE
190230003	AMCT-27X	190230004	AMCT-27XT	22-18 AWG (0.38-0.96mm²)	.187x.020 (4.75x0.51)	RED	.062 /1.57	.450 /11.43	.145 /3.68	.82 /23.4	.187/4.75	.24/6.1	.13/3.3	.055/1.40	BRASS, .020/0.51	ZINC CHROMATE
190230010	MCT-27X	190230011	MCT-27XT	16-14 AWG (1.23-1.94mm²)	.187x.020 (4.75x0.51)	BLUE	.081 /2.06	.450 /11.43	.175 /4.44	.82 /23.4	.187/4.75	.24/6.1	.13/3.3	.055/1.40	BRASS, .020/0.51	ZINC CHROMATE

Ⓒ





PARTS ON TAPE

Ⓒ (ALL NOTES)

NOTES:
1. MALE QD MATERIAL: SEE CHART
2. MALE QD FINISH: SEE CHART
3. INSULATION MATERIAL: PVC
4. TAB DIMENSIONS CONFORM TO UL310 SPECIFICATIONS.
5. PART IS ROHS COMPLIANT.

REDRWN W/MATL & FIN CHG
EC NO: ETC2007-0081 2008/01/28
DRWN: EHILE 2008/01/28
CH'KD: JMACNEIL 2008/02/13
APPR: JMACNEIL
DESCRIPTION
C
REV

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

DRAWN BY: RCM DATE: 1991/01/25
CHECKED BY: --- DATE: ---
APPROVED BY: --- DATE: ---

TITLE: MALE QUICK DISCONNECT, INSULKRIMP

molex MOLEX INCORPORATED

MATERIAL NO.: SEE CHART
DOCUMENT NO.: SD-19023-004
SHEET NO.: 1 OF 1

SIZE B

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