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Part Number: **0190230005**

Status: **Active**

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

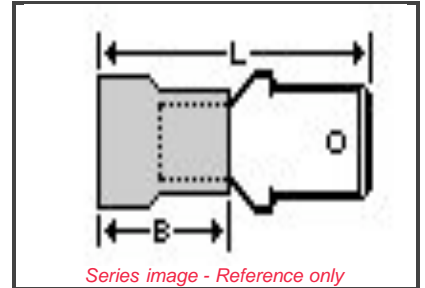**Documents:**
Note - Please disable browser pop-up blockers for documents on www.molex.com
Drawing (PDF)   Product Specification PS-19902-008 (PDF)
Related Catalog Page (PDF)

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Part Detail: (show all)

General   **Physical**   **Electrical**   **Material Info**

General

Product Family	Quick Disconnects
Series	19023
Comments	Funnel Entry
Product Name	InsulKrimp™
Type	Quick Disconnect

Physical

Barrel Type	Closed
Flammability	94 V2
Gender	Male
Insulation	PVC
Lock to Mating Part	None
Material - Metal	Copper
Orientation	Straight
Packaging Type	Bag
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
Wire Size AWG	20
Wire Size AWG	22
Wire Size mm²	0.35 - 0.80

Electrical

CSA	LR18689
UL	E79133
Voltage - Maximum	600V

Material Info

Old Part Number	AMCT-2X

Reference - Drawing Numbers

Series image - Reference only

EU RoHS   **China RoHS**
ELV and RoHS Compliant

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Search Parts in this Series
19023 Series

Application Tooling
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

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

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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 ±$\frac{.005}{0.13}$	A MIN	H MAX	C ± $\frac{.007}{0.18}$	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

.98 / 24.9 NOMINAL
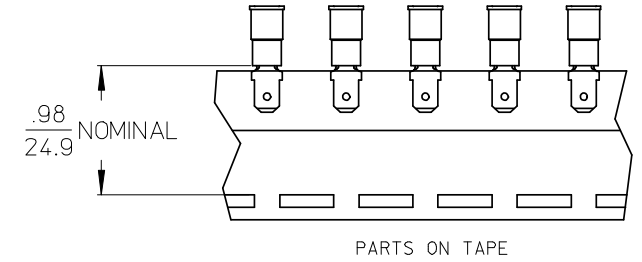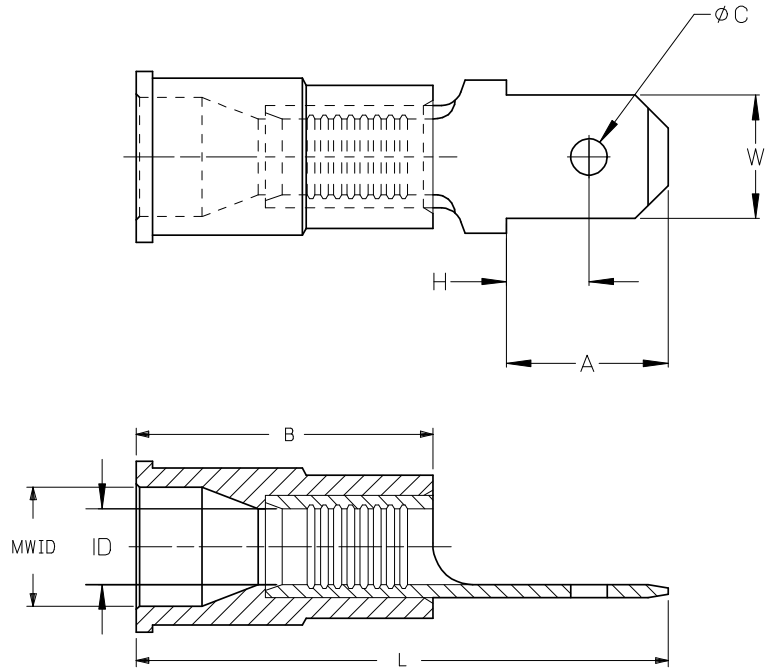
© (ALL NOTES)

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
DRWN:EHILE   2008/01/28
CHKD:JMACNEIL   2008/01/28
APPR:JMACNEIL   2008/02/13
REV C
DESCRIPTION

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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