Part Number:	**0190230008**
Status:	**Active**
Description:	InsulKrimp™ Quick Disconnect, Male, for 10-12 (5.00-3.30) Wire, Box, 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)
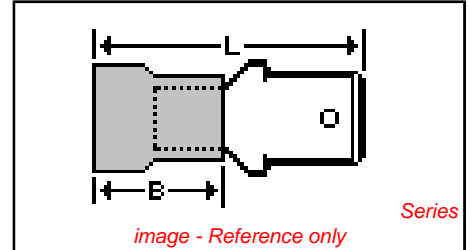
Agency Certification
CSA	LR18689
UL	E79133

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

Physical
Barrel Type	Closed
Color - Resin	Natural
Flammability	94V-2
Gender	Male
Glow-Wire Compliant	No
Insulation	PVC
Lock to Mating Part	None
Material - Metal	Copper
Material - Resin	PVC
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	6.40mm (.250") max.
Wire Size AWG	10, 12
Wire Size mm²	3.30 - 5.00

Electrical
Voltage - Maximum	600V

Material Info
Old Part Number	CMCT-2X

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

| 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 19023 |

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

ØC

W

H

A

B

MWID ID

L

.98/24.9 NOMINAL

PARTS ON TAPE
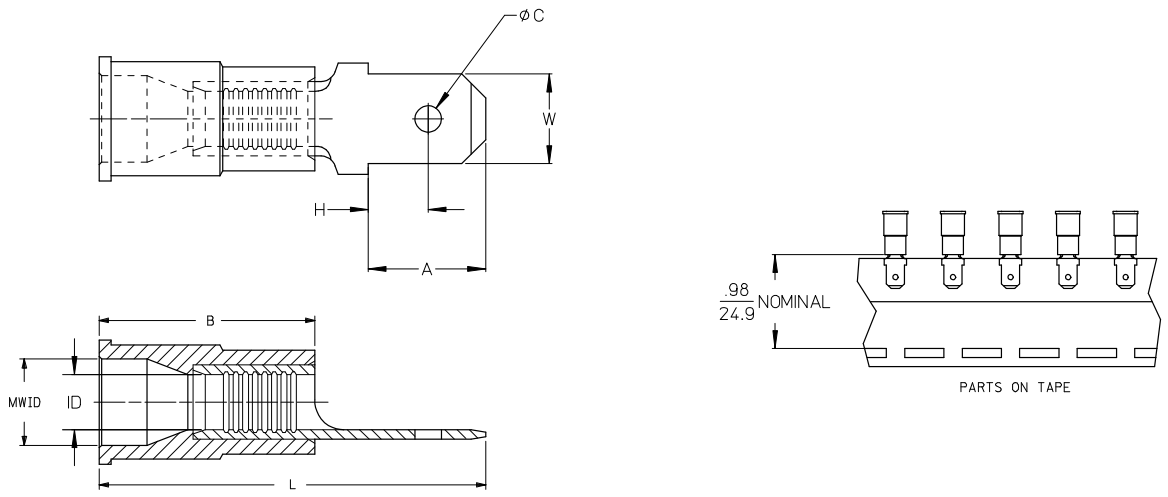
Ⓒ (ALL NOTES)

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 2008/01/28
EC NO: ETC2007-0081 2008/01/28
DRWN:EHILE 2008/02/13
CHKD:JMACNEIL
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

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

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

tb_frame_B_P_ME_T
Rev. D 2004/04/02

| 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 |