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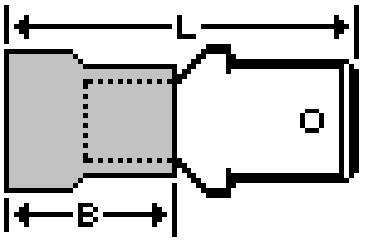
Part Number: 0190230014
Status: Active
Description: InsulKrimp™ Fully Insulated Quick Disconnect, Male, for 14-16 AWG (2.00-1.30 mm) Wire, Mylar Tape, Tab 6.35mm (.250") x 0.81mm (.032")

Documents:
Drawing (PDF)
RoHS Certificate of Compliance (PDF)
Product Specification PS-19902-008 (PDF)



Series
image - Reference only

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
Color - Resin	Natural
Flammability	94V-2
Gender	Male
Glow-Wire Compliant	No
Insulation	PVC
Lock to Mating Part	None
Material - Metal	Brass
Material - Resin	PVC
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	4.40mm (.175") max.
Wire Size AWG	14, 16
Wire Size mm²	1.30 - 2.00

Electrical

Voltage - Maximum	600V

Material Info

Old Part Number	MCT-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

Use With
19005-0005

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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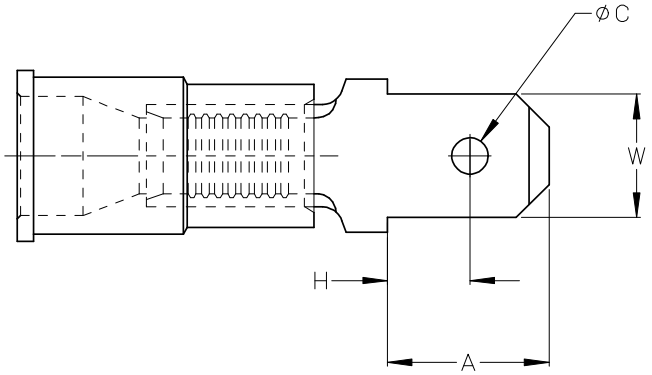
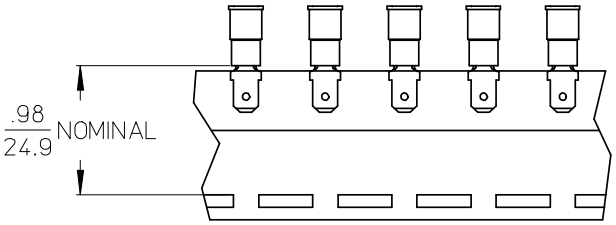
LOOSE PC MATERIAL NUMBER	LOOSE PC ENGINEERING NUMBER	ON TAPE MATERIAL NUMBER	ON TAPE ENGINEERING NUMBER	WIRE RANGE	TAB SIZE REFERENCE	COLOR	ID MIN	B MAX	MWID	L MAX	W ±.005/0.13	A MIN	H MAX	C ± .007/0.18	TERMINAL MAT'L, THICKNESS REF.	TERMINAL FINISH
190230005	AMCT-2X	190230006	AMCT-2XT	22-18 AWG (0.38-0.96mm²)	.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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