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Part Number: [0190030053](#)
Status: **Active**
Description: InsulKrimp™ Female Quick Disconnect for 14-16 AWG Wire

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

Agency Certification

CSA	LR18689
UL	E79133

General

Product Family	Quick Disconnects
Series	19003
Comments	Funnel Entry
Crimp Quality Equipment	Yes
Product Name	InsulKrimp™
Type	Quick Disconnect

Physical

Barrel Type	Closed
Color - Resin	Natural
Flammability	94V-2
Gender	Female
Glow-Wire Compliant	No
Insulation	Nylon (PA)
Lock to Mating Part	None
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	Nylon
Orientation	Straight
Packaging Type	Bag
Plating min: Mating (µin)	160
Plating min: Mating (µm)	4
Plating min: Termination (µin)	160
Plating min: Termination (µm)	4
Polarized to Mating Part	No
Tab Thickness	0.51mm (.020")
Tab Width	4.75mm (.187")
Temperature Range - Operating	-65°C to +105°C
Termination Interface: Style	Crimp or Compression
Wire Insulation Diameter	6.60mm (.260") max.
Wire Size AWG	14, 16
Wire Size mm²	1.30 - 2.00

Electrical

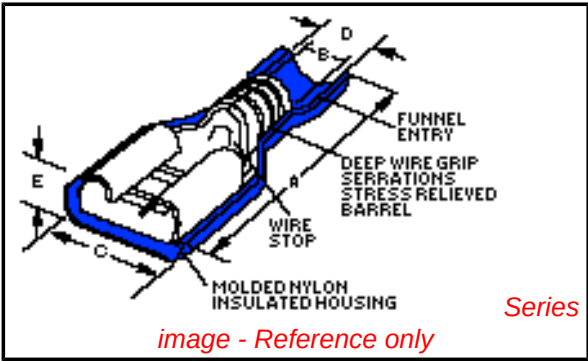
Voltage - Maximum	600V
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Material Info

Old Part Number	BB-2207X
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Reference - Drawing Numbers

Product Specification	PS-19902-008
Sales Drawing	SD-19003-006



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

[19003Series](#)

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.*

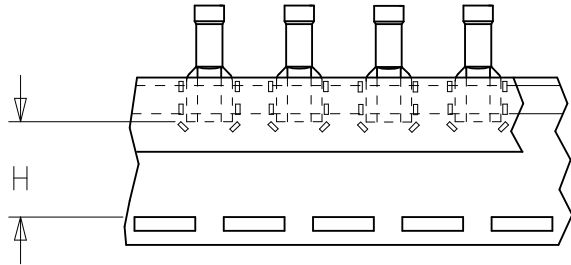
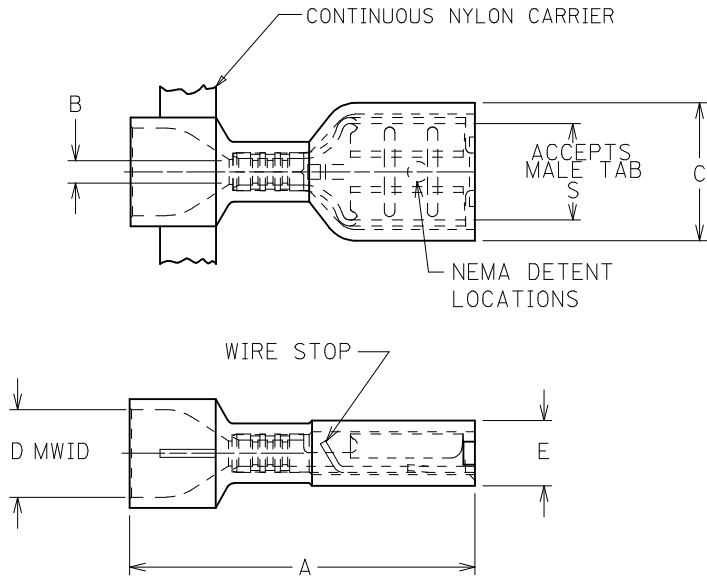
Global

Description	Product #
Hand Crimp Tool	0640010400
Hand Crimp Tool	0640011000
Crimp Head for the AT-200™ Pneumatic Hand Tool	0640050400
Crimp Head for the AT-200™ Pneumatic Hand Tool	0640051000

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10		9		8		7		6		5		4		3		2		19003	
MATERIAL # LOOSE PCS	MATERIAL # CONTINUOUS	MATERIAL # TAPE MNT	MOLEX-ETC PART NO.	INS. COLOR	WIRE RANGE AWG	FITS MALE TAB SIZE	STOCK THICK REF	"A" MAX	"B" MIN.	"C" MAX.	"D" MWID	"E" MAX.	"H" NOMINAL						
I90030008	I90030009	I90030010	AA-2201X	RED	22-18	.250x.032 (6.35x0.81)	.016 (0.4)	.94 (23.9)	.058 (1.47)	.380 (9.66)	.230 (5.84)	.180 (4.58)	.56 (14.2)						
NOTE 5	NOTE 5	NOTE 5	AA-2213X	RED	22-18	.205x.020 (5.21x0.51)	.016 (0.4)	.86 (21.8)	.058 (1.47)	.316 (8.03)	.230 (5.84)	.160 (4.07)	.60 (15.3)						
NOTE 5	NOTE 5	NOTE 5	AA-2214X	PINK (B)	22-18	.205x.032 (5.21x0.81)	.016 (0.4)	.86 (21.8)	.058 (1.47)	.316 (8.03)	.230 (5.84)	.160 (4.07)	.60 (15.3)						
I90030014	I90030015	I90030016	AA-2202X	RED	22-18	.187x.020 (4.75x0.51)	.016 (0.4)	.86 (21.8)	.058 (1.47)	.316 (8.03)	.230 (5.84)	.160 (4.07)	.60 (15.3)						
I90030021	I90030022	I90030023	AA-2203X	PINK (B)	22-18	.187x.032 (4.75x0.81)	.016 (0.4)	.86 (21.8)	.058 (1.47)	.316 (8.03)	.230 (5.84)	.160 (4.07)	.60 (15.3)						
I90030027	I90030028	I90030029	AA-2204X	RED	22-18	.110x.020 (2.79x0.51)	.012 (0.3)	.86 (21.8)	.058 (1.47)	.230 (5.85)	.230 (5.84)	.150 (3.81)	.61 (15.5)						
I90030033	I90030034	I90030035	AA-2205X	PINK (B)	22-18	.110x.032 (2.79x0.81)	.012 (0.3)	.86 (21.8)	.058 (1.47)	.230 (5.85)	.230 (5.84)	.150 (3.81)	.61 (15.5)						
I90030047	I90030048	I00030049	BB-2206X	BLUE	16-14	.250x.032 (6.35x0.81)	.016 (0.4)	.94 (23.9)	.083 (2.10)	.380 (9.66)	.260 (6.60)	.180 (4.58)	.56 (14.2)						
NOTE 5	NOTE 5	NOTE 5	BB-2215X	BLUE	16-14	.205x.020 (5.21x0.51)	.016 (0.4)	.86 (21.8)	.083 (2.10)	.316 (8.03)	.260 (6.60)	.170 (4.32)	.60 (15.3)						
NOTE 5	NOTE 5	NOTE 5	BB-2216X	AQUA(B)	16-14	.205x.032 (5.21x0.81)	.016 (0.4)	.86 (21.8)	.083 (2.10)	.316 (8.03)	.260 (6.60)	.170 (4.32)	.60 (15.3)						
I90030053	I90030054	I90030055	BB-2207X	BLUE	16-14	.187x.020 (4.75x0.51)	.016 (0.4)	.86 (21.8)	.083 (2.10)	.316 (8.03)	.260 (6.60)	.170 (4.32)	.60 (15.3)						
I90030059	I90030060	I90030061	BB-2208X	AQUA(B)	16-14	.187x.032 (4.75x0.81)	.016 (0.4)	.86 (21.8)	.083 (2.10)	.316 (8.03)	.260 (6.60)	.170 (4.32)	.60 (15.3)						
I90050010	I90050014	I90050015	C-2265	YELLOW	12-10	.250x.032 (6.35x0.81)	.018 (0.5)	1.04 (26.4)	.150 (3.81)	.380 (9.66)	.275 (6.98)	.290 (7.37)	.51 (12.9)						



PARTS ON TAPE

CUSTOMER DRAWING

1. MATERIAL: BRASS
2. FINISH: ELECTRO-TIN PLATING
3. INSULATION: NYLON
4. MWID= MAXIMUM WIRE INSULATION DIAMETER
5. CONSULT FACTORY FOR AVAILABILITY
6. PART IS ROHS COMPLIANT.

REDRAW, COLOR CHGS EC NO: WNA2008-0135 DRAWN: THRODAHL 2008/09/23 CHKD: JMACNEIL 2008/09/23 APPR: JMACNEIL 2008/09/25 REV B	DESCRIPTION	QUALITY SYMBOLS ▽=0 ◻=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE ---	DESIGN UNITS INCH	THIRD ANGLE PROJECTION		
				mm	INCH	DRAWN BY RCM		DATE 1994/06/17	FULLY INSULATED QUICK DISCONNECTS EXPANDED FLARE		
			4 PLACES	±---	±---	CHECKED BY JM		DATE 1994/06/17			
			3 PLACES	±---	±---	APPROVED BY FP		DATE 1994/06/17			
			2 PLACES	±---	±---	MATERIAL NO. SEE CHART		DOCUMENT NO. SD-19003-006		SHEET NO. 1 OF 1	
			1 PLACE	±---	±---	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			