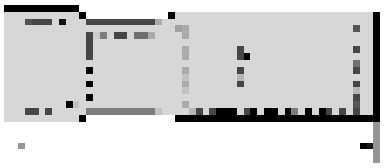
This document was generated on 06/08/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 0190390005

Status: Active

Description: Avikrimp™ Snap Plug Receptacle for 18-22 AWG Wire, Nylon, Fits Male Plug Diameter 4.57mm (.180")



Series image - Reference only

Documents:
Drawing (PDF)
RoHS Certificate of Compliance (PDF)

Agency Certification

CSA	LR18689
UL	E152602

General

Product Family	Quick Disconnects
Series	19039
Comments	Fits Male Plug Dia. 4.57mm (.180")
Crimp Quality Equipment	Yes
Product Name	Avikrimp™
Type	Snap Receptacle

Physical

Barrel Type	Closed
Color - Resin	Natural
Flammability	94V-0
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)	100
Plating min: Mating (µm)	2.5
Plating min: Termination (µin)	100
Plating min: Termination (µm)	2.5
Tab Thickness	N/A
Tab Width	N/A
Temperature Range - Operating	-40°C to +105°C
Termination Interface: Style	Crimp or Compression
Wire Insulation Diameter	3.25mm (.128") max.
Wire Size AWG	18, 20, 22
Wire Size mm²	0.25 - 1.50

Electrical

Voltage - Maximum	Per Wire Specification

Material Info

Old Part Number	BRA-8180N

Reference - Drawing Numbers

Sales Drawing	SD-19039-001

EU RoHS
ELV and RoHS Compliant
REACH SVHC
Contains SVHC: No
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
19039Series

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.

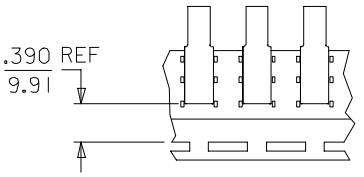
Global

Description	Product #
Hand Crimp Tool	0640012300
Crimp Head for the AT-200™ Pneumatic Hand Tool	0640052300

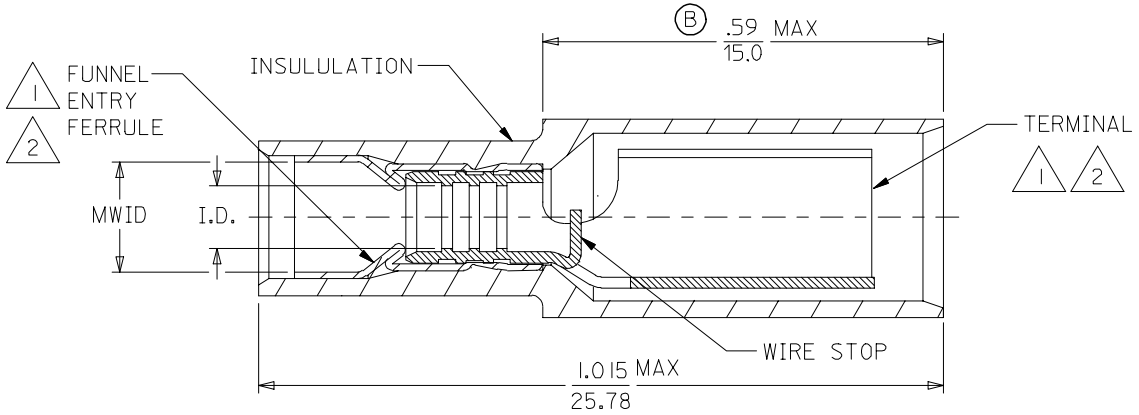
This document was generated on 06/08/2010

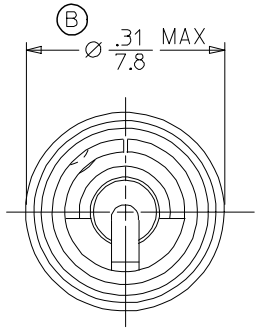
PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

MATERIAL NUMBER	ENGINEERING NUMBER	TAPE MATERIAL NUMBER	TAPE ENGINEERING NUMBER	WIRE RANGE AWG	WIRE RANGE MM^2	INSULATION HOUSING MATERIAL	INSULATION COLOR	FITS MALE PLUG DIA.	I.D. MIN.	MWID MAX
190390001	BRA-8156	190390026	BRA-8156T	22-18	0.25-1.3	PVC	RED	.156/(3.96)	.069/(1.75)	.128/(3.25)
190390002	BRA-8156N	190390015	BRA-8156NT	22-18	0.25-1.3	NYLON	LIGHT RED	.156/(3.96)	.069/(1.75)	.128/(3.25)
190390003	BRA-8156NDK	---	---	22-18	0.25-1.3	NYLON	DARK RED	.156/(3.96)	.069/(1.75)	.128/(3.25)
190390004	BRA-8180	190390029	BRA-8180T	22-18	0.25-1.3	PVC	RED	.180/(4.57)	.069/(1.75)	.128/(3.25)
190390005	BRA-8180N	190390017	BRA-8180NT	22-18	0.25-1.3	NYLON	RED	.180/(4.57)	.069/(1.75)	.128/(3.25)
190390006	BRB-8156	190390023	BRB-8156T	16-14	1.0-2.6	PVC	BLUE	.156/(3.96)	.091/(2.31)	.150/(3.81)
190390007	BRB-8156N	190390016	BRB-8156NT	16-14	1.0-2.6	NYLON	LIGHT BLUE	.156/(3.96)	.091/(2.31)	.150/(3.81)
190390008	BRB-8156NDK	---	---	16-14	1.0-2.6	NYLON	DARK BLUE	.156/(3.96)	.091/(2.31)	.150/(3.81)
190390009	BRB-8180	190390030	BRB-8180T	16-14	1.0-2.6	PVC	BLUE	.180/(4.57)	.091/(2.31)	.150/(3.81)
190390010	BRB-8180N	190390018	BRB-8180NT	16-14	1.0-2.6	NYLON	BLUE	.180/(4.57)	.091/(2.31)	.150/(3.81)



PARTS ON TAPE





NOTES:

1. MATERIAL: BRASS
2. FINISH: ELECTRO-TIN PLATING
3. INSULATION MATERIAL: SEE CHART
4. MWID - MAXIMUM WIRE INSULATION DIAMETER

SALES DRAWING

REVISED DIMENSION
EC NO: ETC2005-0122 2005/02/15
DRWN:BENDERLE 2005/02/15
CH'KD:R DEROSS 2005/02/15
APPR:RDEROSS 2005/02/15
DESCRIPTION
REV B

QUALITY SYMBOLS
▼=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	±.005
2 PLACES	±0.13	±.01
1 PLACE	±0.25	± ---
ANGULAR ±---°		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: IN/MM
SCALE: NONE
DESIGN UNITS: INCH
THIRD ANGLE PROJECTION

DRAWN BY: BRE DATE: 2002/07/15
CHECKED BY: HEB DATE: 2002/07/15
APPROVED BY: RWD DATE: 2002/07/15
MATERIAL NO.

TITLE: AVIKRIMP FEMALE BULLET RECEPTACLE

molex MOLEX INCORPORATED

DOCUMENT NO. SD-19039-001
SHEET NO. 1 OF 1

SIZE B

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