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Part Number:

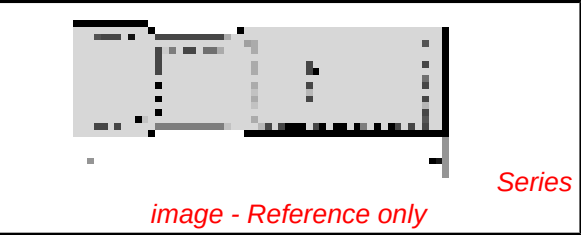
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Status:

Active

Description:

Avikrimp™ Bullet Receptacle for 18-22 AWG Wire, PVC, Fits Male Plug Diameter 4.57mm (.180"), Mylar Tape Carrier



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

PVC

Lock to Mating Part

None

Material - Metal

Brass

Material - Plating Mating

Tin

Material - Plating Termination

Tin

Material - Resin

PVC

Orientation

Straight

Packaging Type

Adhesive Tape on Reel

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

600V

Material Info

Old Part Number

BRA-8180T

Reference - Drawing Numbers

Sales Drawing

SD-19039-001

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

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 #

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 Mini-Mac™ Applicator

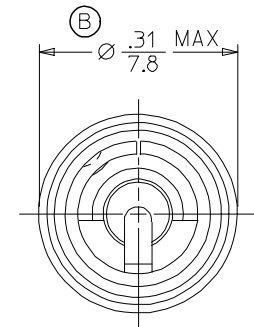
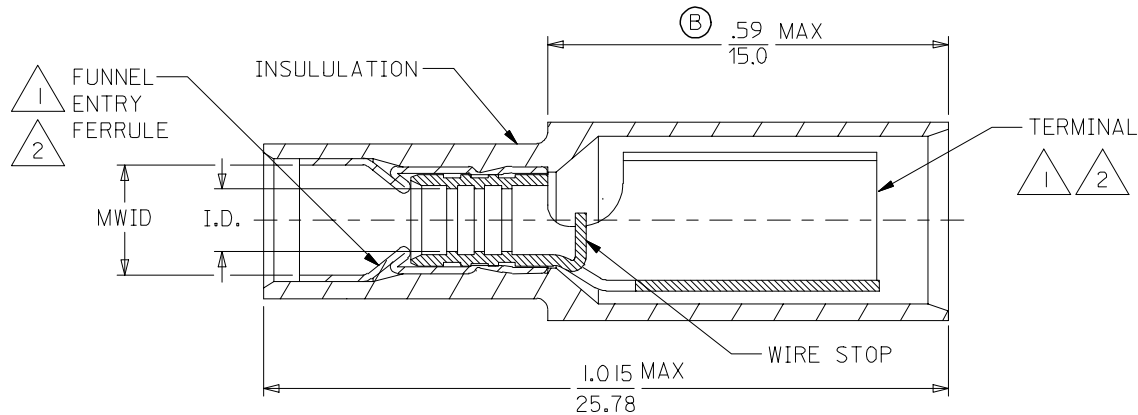
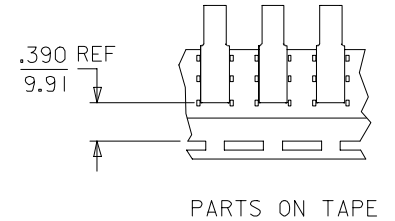
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MATERIAL NUMBER	ENGINEERING NUMBER	TAPE MATERIAL NUMBER	TAPE ENGINEERING NUMBER	WIRE AWG	RANGE MM ²	INSULATION HOUSING MATERIAL	INSULATION COLOR	FITS MALE PLUG DIA.	I.D. MIN.	MWID MAX					
I90390001	BRA-8156	I90390026	BRA-8156T	22-18	0.25-1.3	PVC	RED	.156/(3.96)	.069/(1.75)	.128/(3.25)					
I90390002	BRA-8156N	I90390015	BRA-8156NT	22-18	0.25-1.3	NYLON	LIGHT RED	.156/(3.96)	.069/(1.75)	.128/(3.25)					
I90390003	BRA-8156NDK	---	---	22-18	0.25-1.3	NYLON	DARK RED	.156/(3.96)	.069/(1.75)	.128/(3.25)					
I90390004	BRA-8180	I90390029	BRA-8180T	22-18	0.25-1.3	PVC	RED	.180/(4.57)	.069/(1.75)	.128/(3.25)					
I90390005	BRA-8180N	I90390017	BRA-8180NT	22-18	0.25-1.3	NYLON	RED	.180/(4.57)	.069/(1.75)	.128/(3.25)					
I90390006	BRB-8156	I90390023	BRB-8156T	16-14	1.0-2.6	PVC	BLUE	.156/(3.96)	.091/(2.31)	.150/(3.81)					
I90390007	BRB-8156N	I90390016	BRB-8156NT	16-14	1.0-2.6	NYLON	LIGHT BLUE	.156/(3.96)	.091/(2.31)	.150/(3.81)					
I90390008	BRB-8156NDK	---	---	16-14	1.0-2.6	NYLON	DARK BLUE	.156/(3.96)	.091/(2.31)	.150/(3.81)					
I90390009	BRB-8180	I90390030	BRB-8180T	16-14	1.0-2.6	PVC	BLUE	.180/(4.57)	.091/(2.31)	.150/(3.81)					
I90390010	BRB-8180N	I90390018	BRB-8180NT	16-14	1.0-2.6	NYLON	BLUE	.180/(4.57)	.091/(2.31)	.150/(3.81)					



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: ET2005-0122 DRAWN: BENDERLE CHKDR: DEROSS APPR: RDEROSS	DESCRIPTION	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE NONE	DESIGN UNITS INCH	 THIRD ANGLE PROJECTION
			mm	INCH	DRAWN BY	DATE	TITLE AVIKRIMP FEMALE BULLET RECEPTACLE		
			4 PLACES ± ---	± ---	BRE	2002/07/15			
			3 PLACES ± ---	± .005	CHECKED BY	DATE			
			2 PLACES ± 0.13	± .01	HEB	2002/07/15			
			1 PLACE ± 0.25	± ---	APPROVED BY	DATE	MOLEX INCORPORATED		
			ANGULAR ± ---°		RWD	2002/07/15			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO.		DOCUMENT NO. SD-19039-001		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						