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Part Number: 0191640012

Status: Active

Description: Perma-Seal™ Female Quick Disconnect for 18-22 AWG Wire, Tab Size 6.35mm (.250") x .81mm (.032")

Agency Certification

CSA	LR18689
UL	E79133

General

Product Family	Quick Disconnects
Series	19164
Crimp Quality Equipment	Yes
MolexKits	Yes
Product Name	Perma-Seal™
Type	Quick Disconnect

Physical

Barrel Type	Closed
Flammability	94V-2
Gender	Female
Glow-Wire Compliant	No
Insulation	NiAc™
Lock to Mating Part	None
Material - Metal	Brass
Orientation	Straight
Packaging Type	Bag
Tab Thickness	0.81mm (.032")
Tab Width	6.35mm (.250")
Temperature Range - Operating	-55°C to +125°C
Wire Insulation Diameter	5.97mm (.235") max.
Wire Size AWG	18, 20, 22
Wire Size mm²	0.25 - 1.50

Electrical

Voltage - Maximum	600V

Material Info

Old Part Number	SAA-2140

Reference - Drawing Numbers

Sales Drawing	SD-19164-040

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
19164Series

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.

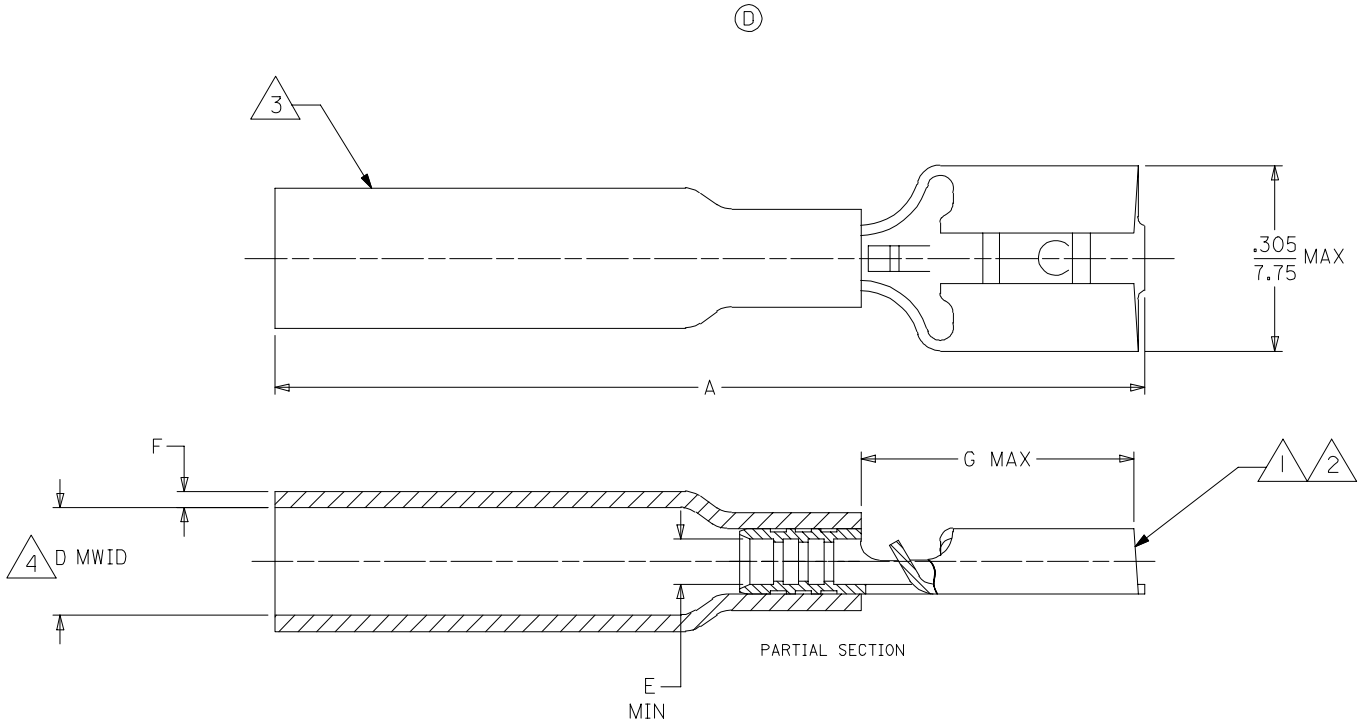
Global

Description	Product #
Hand Crimp Tool	0640010400
Hand Crimp Tool	0640010700
Crimp Head for the AT-200™ Pneumatic Hand Tool	0640050400

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MATERIAL NUMBER	ENGINEERING MATERIAL	WIRE SIZE AWG	FITS MALE TABE	PERMA-SEAL COLOR	STOCK THICKNESS	A	D ±.010/0.25	E MIN	F MIN	G MAX
191640012	SAA-2140	22-18	.250 X .032	RED	.016/0.40	1.38/35.1	.235/5.97	.060/1.52	.025/0.64	.39/9.9
191640047	SBB-2141	16-14	.250 X .032	BLUE	.016/0.40	1.35/34.3	.235/5.97	.082/2.08	.029/0.74	.39/9.9
191640059	SC-2143	12-10	.250 X .032	YELLOW	.018/0.46	1.36/34.5	.310/7.62	.148/3.76	.029/0.74	.45/11.4



NOTES:

1. TERMINAL MATERIAL: BRASS
   SEE TABLE FOR THICKNESS.
2. FINISH: ELECTRO TIN PLATE.
3. INSULATION MATERIAL: HEAT SHRINKABLE TUBING WITH HOTMELT ADHESIVE INNER LINER.
   COLOR: SEE CHART.
4. MWID = MAXIMUM WIRE INSULATION DIAMETER.

CHANGED DIM "D" 2005/12/21
EC NO: ETC2006-0154 2005/12/21
DRWN: ASAYDEH 2005/12/21
CH'KD: JLOMASTRO 2005/12/21
APPR: JPAWLICK 2005/12/21
DESCRIPTION
D
REV

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 ±1/2°		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: IN/MM
SCALE: ---
DESIGN UNITS: INCH
THIRD ANGLE PROJECTION

DRAWN BY: BRE DATE: 06/11/06
CHECKED BY: HEB DATE: 06/11/06
APPROVED BY: RWD DATE: 06/11/06

TITLE: FEMALE QD PERMA-SEAL

molex MOLEX INCORPORATED

MATERIAL NO.: SEE CHART
DOCUMENT NO.: SD-19164-040
SHEET NO.: 1 OF 1
SIZE: B

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