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Part Number: [0191640047](#)
Status: **Active**
Description: Perma-Seal™ Female Quick Disconnect for 14-16 AWG Wire, Tab Size 6.35mm (.250") x .81mm (.032")

General

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

Physical

Barrel Type	Closed
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	14, 16
Wire Size mm²	1.00 - 2.50

Electrical

Voltage - Maximum	600V
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Material Info

Old Part Number	SBB-2141
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Reference - Drawing Numbers

Sales Drawing	SD-19164-040
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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

[19164Series](#)

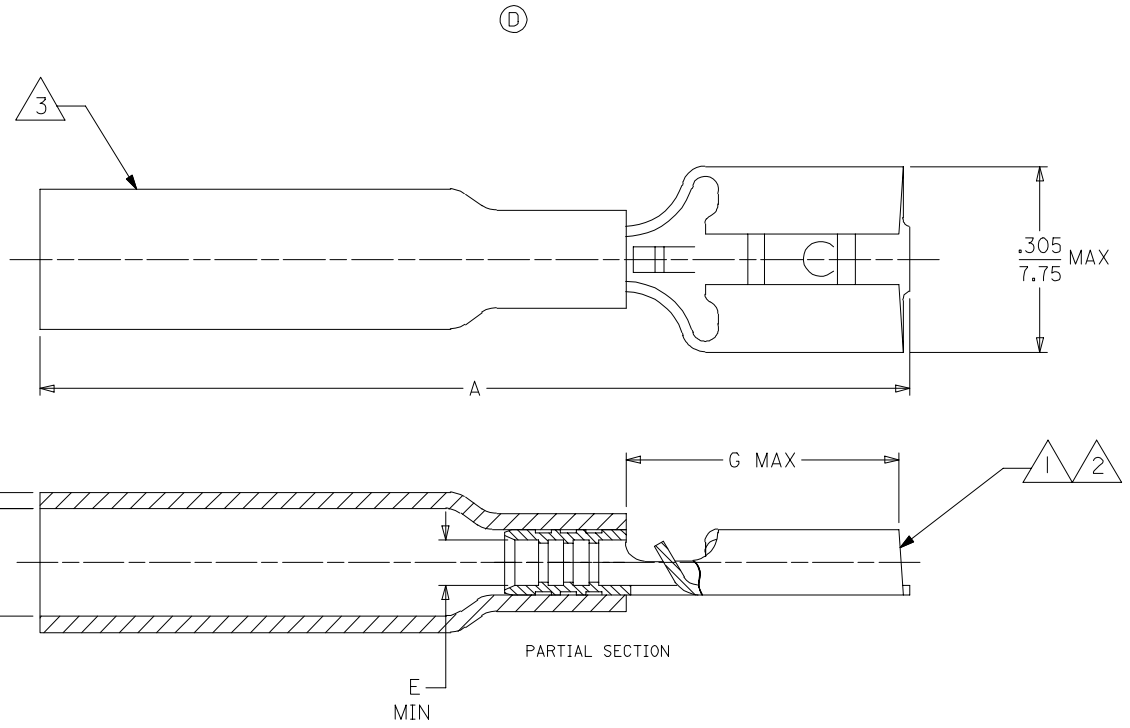
Application Tooling | FAQ

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	0640011000
Crimp Head for the AT-200™ Pneumatic Hand Tool	0640050400
Crimp Head for the AT-200™ Pneumatic Hand Tool	0640051000

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" EC NO: ETC2006-0154 DRWN:NASAYDEH 2005/12/21 CHKD: ILOMASTRO 2005/12/21 APPR: JPAMLIK 2005/12/21	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION															
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DRAWN BY: BRE CHECKED BY: HEB APPROVED BY: RWD	DATE: 06/11/06 DATE: 06/11/06 DATE: 06/11/06	TITLE	FEMALE QD PERMA-SEAL																		
MATERIAL NO. SEE CHART	DOCUMENT NO. SD-19164-040	MOLEX INCORPORATED			SHEET NO. 1 OF 1																
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																			