

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

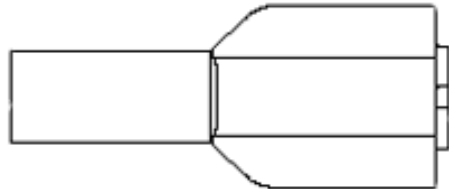
0196020012

Status:

Active

Description:

Avikrimp™ Fully Insulated Piggyback Quick Disconnect, Tab 6.35mm (.250") by 0.81mm (.032"), 10-12 AWG, Yellow Insulator, Tape



Series

image - Reference only

Documents:

Drawing (PDF)

RoHS Certificate of Compliance (PDF)

General

Product Family	Quick Disconnects
Series	19602
Crimp Quality Equipment	Yes
Product Name	Avikrimp™
Type	Quick Disconnect

Physical

Barrel Type	Closed
Gender	Female
Glow-Wire Compliant	No
Insulation	Nylon (PA)
Lock to Mating Part	No
Orientation	Straight
Packaging Type	Adhesive Tape on Reel
Polarized to Mating Part	No
Tab Thickness	0.81mm (.032")
Tab Width	6.35mm (.250")
Wire Insulation Diameter	5.87mm (.231") max.
Wire Size AWG	10, 12
Wire Size mm²	3.30 - 5.00

Electrical

Voltage - Maximum	600V
-------------------	------

Material Info

Reference - Drawing Numbers

Sales Drawing	SD-19602-001
---------------	--------------

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

19602Series

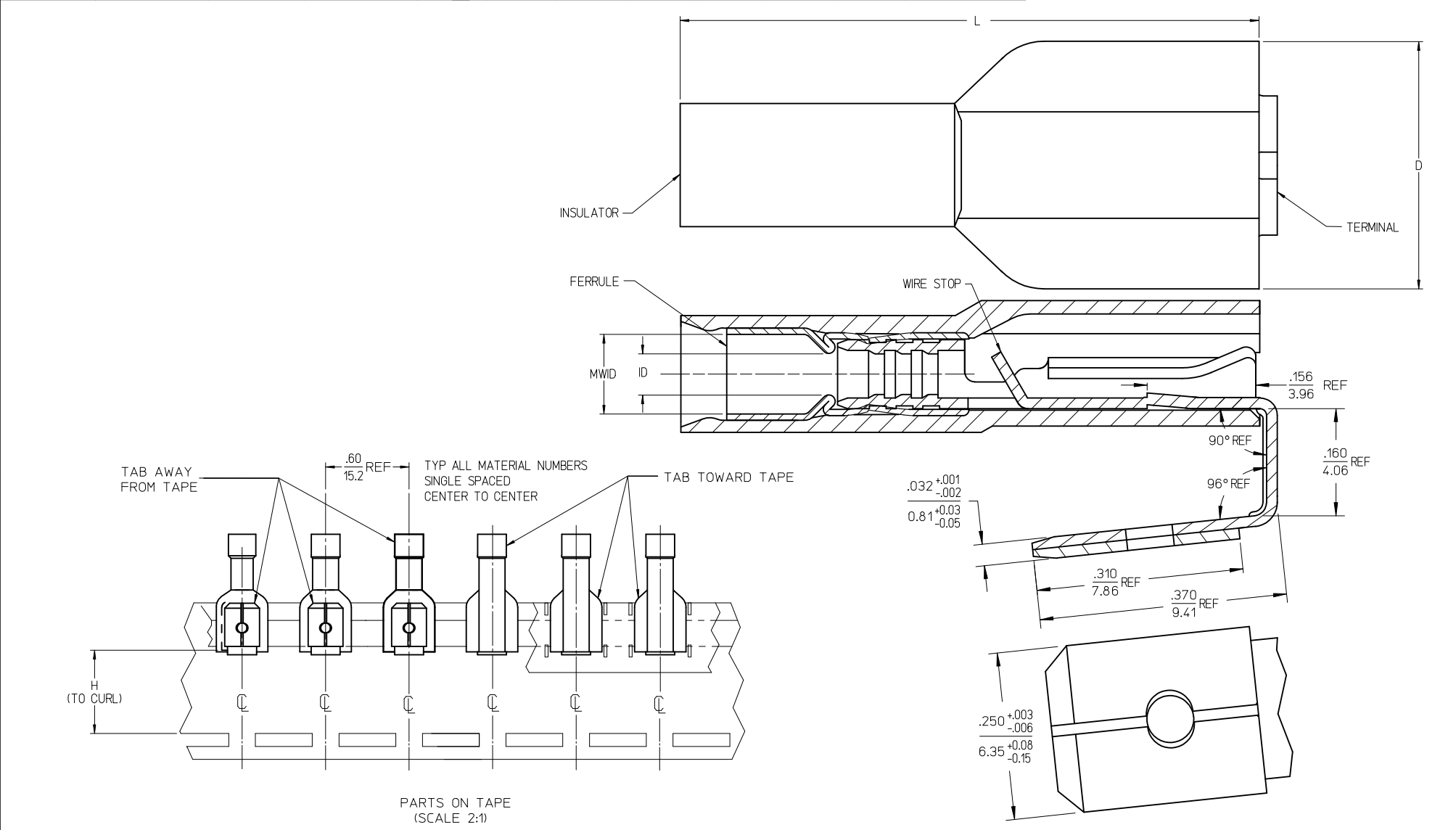
Application Tooling | [FAQ](#)

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	0640016400
ATP Tooling Kit	0198002070

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

13	12	11	10	9	8	7	6	5	4	3	2	1
MATERIAL NO. LOOSE PC	ENGINEERING NO. LOOSE PC	MATERIAL NO. ON TAPE	ENGINEERING NO. ON TAPE	WIRE SIZE	INSULATOR COLOR	ID MIN REF	MWID	D MAX	L MAX	H NOMINAL	BARE TAB POSITION	
196020004	19602-0004	196020010	19602-0010	22-18 AWG	RED	.058/1.47	.116/2.95	.380/9.65	.880/22.35	.54/13.7	AWAY FROM TAPE	
196020005	19602-0005	196020011	19602-0011	16-14 AWG	BLUE	.079/2.00	.139/3.53	.380/9.65	.880/22.35	.54/13.7	AWAY FROM TAPE	
196020006	19602-0006	196020012	19602-0012	12-10 AWG	YELLOW	.144/3.66	.231/5.87	.380/9.65	1.020/25.91	.57/14.4	TOWARD TAPE	



NOTES:																															
1. TERMINAL MATERIAL: BRASS																															
2. TERMINAL FINISH: TIN PLATED																															
3. INSULATOR MATERIAL: NYLON																															
4. FERRULE MATERIAL: COPPER ALLOY Ⓓ																															
5. FERRULE FINISH: TIN PLATED																															
6. MWID = MAXIMUM WIRE INSULATION DIAMETER.																															
7. ASSEMBLY IS ROHS COMPLIANT.																															
FERRULE MATERIAL DESCR EC NO: WNA2009-0510 D DRW:ETHRODAHL 2010/01/04 CHKD:JMACNEIL 2010/01/05 APPR:JMACNEIL 2010/01/05				QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) <table><thead><tr><th></th><th>mm</th><th>INCH</th></tr></thead><tbody><tr><td>4 PLACES</td><td>± .005</td><td>± .0002</td></tr><tr><td>3 PLACES</td><td>± .005</td><td>± .0002</td></tr><tr><td>2 PLACES</td><td>± .005</td><td>± .0002</td></tr><tr><td>1 PLACE</td><td>± .005</td><td>± .0002</td></tr><tr><td colspan="3">ANGULAR ± .005°</td></tr></tbody></table>			mm	INCH	4 PLACES	± .005	± .0002	3 PLACES	± .005	± .0002	2 PLACES	± .005	± .0002	1 PLACE	± .005	± .0002	ANGULAR ± .005°			DIMENSION STYLE IN/MM		SCALE ---	DESIGN UNITS INCH		THIRD ANGLE PROJECTION 	
	mm	INCH																													
4 PLACES	± .005	± .0002																													
3 PLACES	± .005	± .0002																													
2 PLACES	± .005	± .0002																													
1 PLACE	± .005	± .0002																													
ANGULAR ± .005°																															
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS					DRAWN BY DAY		DATE 1997/08/21	TITLE PIGGYBACK FIQD, .250 X .032 TAB, AVIKRIMP																							
					CHECKED BY RWD		DATE 1997/08/21																								
					APPROVED BY RWD		DATE 1997/08/21	MOLEX INCORPORATED																							
					MATERIAL NO. SEE CHART		DOCUMENT NO. SD-19602-001																								
					SIZE C	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																									
SHEET NO. 1 OF 1																															