

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: **0190060004**
Status: **Active**
Description: Flag Avikrimp™ Quick Disconnect, Female, for 18-22 (0.80-0.35) Wire, Metal Strip, Tab 6.35mm (.250") x 0.81mm (.032)

Documents:

[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

CSA LR18689
 UL E79133

General

Product Family Quick Disconnects
 Series 19006
 Crimp Quality Equipment Yes
 Product Name Avikrimp™
 Type Quick Disconnect

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 - Resin Nylon
 Orientation Flag
 Packaging Type Reel
 Polarized to Mating Part No
 Tab Thickness 0.81mm (.032")
 Tab Width 6.35mm (.250")
 Temperature Range - Operating -65°C to +105°C
 Wire Insulation Diameter 3.81mm (.150") max.
 Wire Size AWG 18, 20, 22
 Wire Size mm² 0.35 - 0.80

Electrical

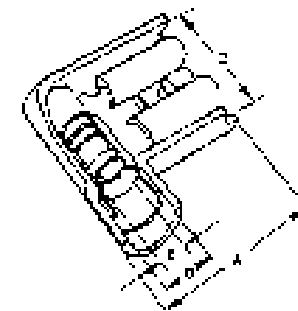
Voltage - Maximum 300V

Material Info

Old Part Number AA-5220Z

Reference - Drawing Numbers

Sales Drawing 6E5T-14474-SA, SD-19006-001



Series
 image - Reference only

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

19006Series

Application Tooling | FAQ

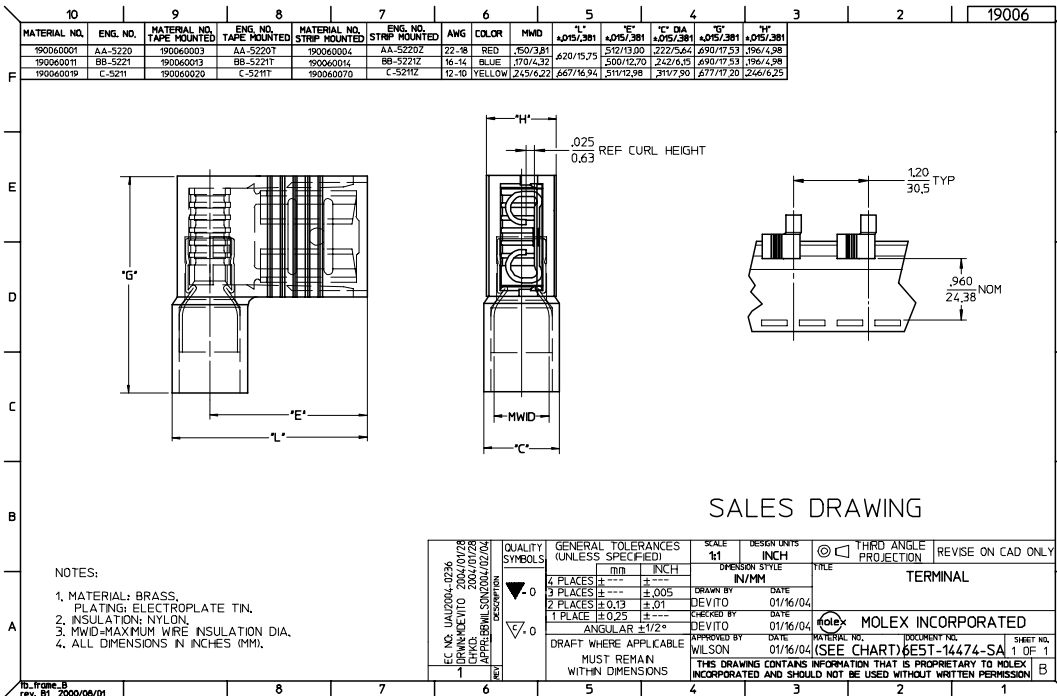
Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.

Global

Description	Product #
Rear Feed Applicator for Flag Avikrimp™ Quick Disconnect Terminals	0638027300

LTRS.		REVISIONS		
ORIGINATOR	CHECKER	ENGR APP	MATL APP	
-	RELEASED 6EST-14474-SA ARCHIVED DATE: AE00-E-11505652-025			
DEVITO	WILSON	PRICE		

FORD PART NUMBER	MOLEX PART NUMBER
6EST-14474-SA	19006-0004



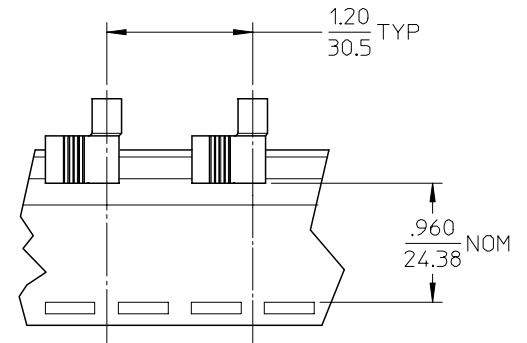
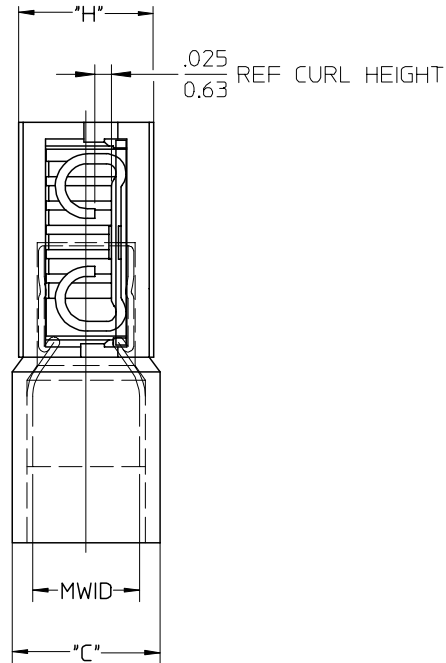
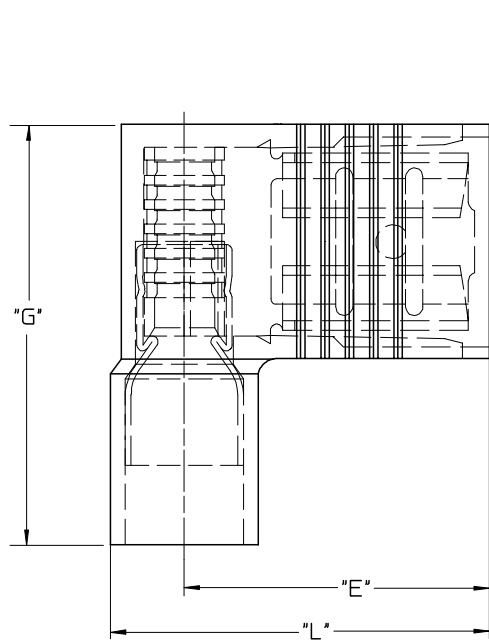
NOTES:

APPROVED FOR USE ONLY IN 'BLACK BOX' APPLICATIONS, WHICH ARE TO PASS SYSTEM LEVEL VALIDATION TESTING. CONNECTOR SDS EL-0173 NOT MET TERMINAL RETENTION FORCE AND TESTING SPECIFIC TO EVALUATE TERMINAL MUST BE PERFORMED AT SYSTEM-LEVEL.

REFERENCE	---		
PART MUST COMPLY WITH MATERIAL SPECIFICATION NSS-MS8P9999-A1 TO HELP SAFEGUARD HEALTH, SAFETY AND THE ENVIRONMENT.			
DRAFTED IN ACCORDANCE WITH FAD ENGINEERING DRAFTING STANDARD CURRENT AT INITIAL RELEASE		3RD ANGLE PROJ DIMENSIONS IN MILLIMETERS	
CAD TYPE	CAD LOC.	CAD FILE	IS MASTER
OPER. NO.	UNIT	DRAWING	6EST-14474-SA
DESIGN	DETAIL	TITLE	SHT 1 OF 1
DEVITO	---	TERMINAL	
CHECKED	SAFETY		
BBWILSON			
SCALE	DATE	DIVISION	
1:1	2004/01/28	PLANT	

DR SIZE A/D

MATERIAL NO.	ENG. NO.	MATERIAL NO. TAPE MOUNTED	ENG. NO. TAPE MOUNTED	MATERIAL NO. STRIP MOUNTED	ENG. NO. STRIP MOUNTED	AWG	COLOR	MWID	"L" ±.015/.381	"E" ±.015/.381	"C" DIA ±.015/.381	"G" ±.015/.381	"H" ±.015/.381
190060001	AA-5220	190060003	AA-5220T	190060004	AA-5220Z	22-18	RED	.150/3.81	.620/15.75	.512/13.00	.222/5.64	.690/17.53	.196/4.98
190060011	BB-5221	190060013	BB-5221T	190060014	BB-5221Z	16-14	BLUE	.170/4.32	.500/12.70	.242/6.15	.690/17.53	.196/4.98	
190060019	C-5211	190060020	C-5211T	190060070	C-5211Z	12-10	YELLOW	.245/6.22	.667/16.94	.511/12.98	.311/7.90	.677/17.20	.246/6.25



SALES DRAWING

NOTES:

1. MATERIAL: BRASS.
PLATING: ELECTROPLATE TIN.
2. INSULATION: NYLON.
3. MWID=MAXIMUM WIRE INSULATION DIA.
4. ALL DIMENSIONS IN INCHES (MM).

EC NO: ETC2004-0126 DRWN:DMYRICK 2004/01/06 CHKD:SBEITZEL 2004/01/06 APPR:RDEROSS 2004/01/07	QUALITY SYMBOLS ▽ = 0 ▽ = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)		SCALE NTS	DESIGN UNITS INCH	THIRD ANGLE PROJECTION	REVISE ON CAD ONLY
		4 PLACES ± --- ± ---	3 PLACES ± --- ± .005	DIMENSION STYLE IN/MM		TITLE AVIKRIMP FLAG FULLY INSULATED .250 TAB WIDTH	
B	DESCRIPTION	2 PLACES ± 0.13 ± .01	1 PLACE ± 0.25 ± ---	DRAWN BY DMYRICK	DATE 03/12/26	MATERIAL NO. DOCUMENT NO. SHEET NO. (SEE CHART) SD-19006-001 1 OF 1	
		ANGULAR ± 1/2°		CHECKED BY SBEITZEL	DATE 03/12/26	MOLEX INCORPORATED	
DRAFT WHERE APPLICABLE		MUST REMAIN WITHIN DIMENSIONS		APPROVED BY RDEROSS	DATE 03/12/26	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	