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Part Number: [0190730027](#)
Status: **Active**
Description: Avikrimp™ Ring Tongue Terminal for 18 to 22 AWG Wire, Stud Size 5/16", Length 26.90mm (1.059")

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

Agency Certification

CSA	LR18689
UL	E32244

General

Product Family	Ring and Spade Terminals
Series	19073
Comments	Type II Insulated; Class 1 and 2
Crimp Quality Equipment	Yes
Mil-Spec	AS25036-104, MS25036-104
Product Name	Avikrimp™
Type	Ring

Physical

Barrel Type	Closed
Flammability	94V-0
Insulation	Nylon (PA)
Material - Plating Mating	Tin
Packaging Type	Bag
Plating min: Mating (µin)	100
Plating min: Mating (µm)	2.5
Plating min: Termination (µin)	100
Plating min: Termination (µm)	2.5
Stud Size	5/16" (M8)
Termination Interface: Style	Crimp or Compression
Wire Insulation Diameter	3.60mm (.142") max.
Wire Size AWG	18, 20, 22
Wire Size mm²	0.35 - 0.80

Material Info

Old Part Number	AA-822-56
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Reference - Drawing Numbers

Sales Drawing	SD-19073-003
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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](#)

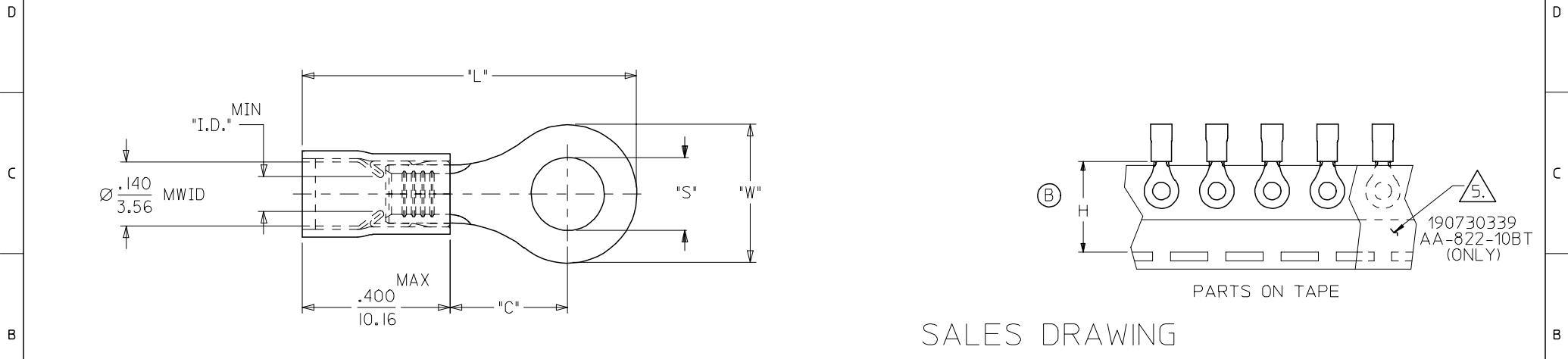
Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series
[19073Series](#)

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	0640010100
Hand Crimp Tool	0640011200
Crimp Head for the AT-200™ Pneumatic Hand Tool	0640050100
Crimp Head for the AT-200™ Pneumatic Hand Tool	0640051200

	10	9	8	7	6	5	4	3	2	19073
	MATERIAL NUMBER	ALTERNATE NUMBER	STUD SIZE	"S"	"W"	"C"	"L"	"I.D."	H ±.010/0.25	PACKAGING
F	I90730022	AA-822-10	10	.198(5.03)	.47(11.9)	.39(9.8)	1.06(26.9)	.062(1.57)	N/A	LOOSE PIECE
	I90730024	AA-822-14	1/4	.265(6.73)	.47(11.9)	.39(9.8)	1.06(26.9)	.062(1.57)		
	I90730027	AA-822-56	5/16	.328(8.33)	.47(11.9)	.39(9.8)	1.06(26.9)	.062(1.57)		
	I90730029	AA-826-10	10	.198(5.03)	.54(13.6)	.55(14.0)	1.26(32.0)	.054(1.37)		
	I90730030	AA-826-14	1/4	.265(6.73)	.54(13.6)	.55(14.0)	1.26(32.0)	.054(1.37)		
E	I90730032	AA-826-38	3/8	.390(9.91)	.54(13.6)	.55(14.0)	1.26(32.0)	.054(1.37)	5.ⓑ .980/24.89	TAPE MOUNTED
	I90730034	AA-826-56	5/16	.328(8.33)	.54(13.6)	.55(14.0)	1.26(32.0)	.054(1.37)		
	I90730023	AA-822-10T	10	.198(5.03)	.47(11.9)	.39(9.8)	1.06(26.9)	.062(1.57)		
	I90730339	AA-822-10BT	10	.198(5.03)	.47(11.9)	.39(9.8)	1.06(26.9)	.062(1.57)		
	I90730026	AA-822-14T	1/4	.265(6.73)	.47(11.9)	.39(9.8)	1.06(26.9)	.062(1.57)		
	I90730028	AA-822-56T	5/16	.328(8.33)	.47(11.9)	.39(9.8)	1.06(26.9)	.062(1.57)		
	I90730319	AA-826-10T	10	.198(5.03)	.54(13.6)	.55(14.0)	1.26(32.0)	.054(1.37)		
	I90730031	AA-826-14T	1/4	.265(6.73)	.54(13.6)	.55(14.0)	1.26(32.0)	.054(1.37)	1.172/29.77	
	I90730033	AA-826-38T	3/8	.390(9.91)	.54(13.6)	.55(14.0)	1.26(32.0)	.054(1.37)		
	I90730035	AA-826-56T	5/16	.328(8.33)	.54(13.6)	.55(14.0)	1.26(32.0)	.054(1.37)		



NOTES:

1. MATERIAL: COPPER
PLATING: ELECTROPLATE TIN
2. FERRULE: TIN-PLATED BRASS
3. INSULATION: RED NYLON
4. MWID=MAXIMUM WIRE INSULATION DIA.
5. INTERLEAF PAPER (191660010, 24613) IS REQUIRED ON 190730339, AA-822-10BT REELS.

ADDED 190730339
EC NO: ETC2005-0137
DRAWN:DERLE 2005/02/15
CHKD:R DEROSS 2005/02/15
APPR:RDEROSS 2005/02/15

DESCRIPTION
REV

QUALITY SYMBOLS

▽=0

▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	±---	±---
3 PLACES	±---	±---
2 PLACES	±---	±---
1 PLACE	±---	±---
ANGULAR	±----	±----

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

DIMENSION STYLE
IN/MM

DRAWN BY	DATE
HEB	2000/09/08
CHECKED BY	DATE
RWD	2000/09/08
APPROVED BY	DATE
RWD	2000/09/08

MATERIAL NO.
SEE CHART

SIZE
B

SCALE
NONE

DESIGN UNITS
INCH

THIRD ANGLE
PROJECTION

TITLE
RING TONGUE TERMINAL
22-18
AVIKRIMP, 800-SERIES

MOLEX
MOLEX INCORPORATED

DOCUMENT NO.
SD-19073-003

SHEET NO.
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