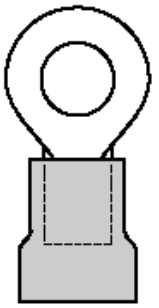
This document was generated on 04/13/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 0190540096

Status: Active

Description: InsulKrimp™ Ring Tongue Terminal for 14-16 Heavy Duty AWG Wire



Series image - Reference only

Documents:

Drawing (PDF)

Product Specification PS-19902-009 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

CSA	LR18689
UL	E32244

General

Product Family	Ring and Spade Terminals
Series	19054
Comments	Heavy Duty
Crimp Quality Equipment	Yes
Mil-Spec	N/A
Product Name	InsulKrimp™
Type	Ring

Physical

Barrel Type	Closed
Color - Resin	Natural
Flammability	94V-0
Insulation	PVC
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	10 (M5)
Termination Interface: Style	Crimp or Compression
Wire Insulation Diameter	6.40mm (.250") max.
Wire Size AWG	14, 16
Wire Size mm²	1.30 - 2.00

Material Info

Old Part Number	B-230-10HDX

Reference - Drawing Numbers

Product Specification	PS-19902-009
Sales Drawing	SD-19054-001

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
19054Series

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

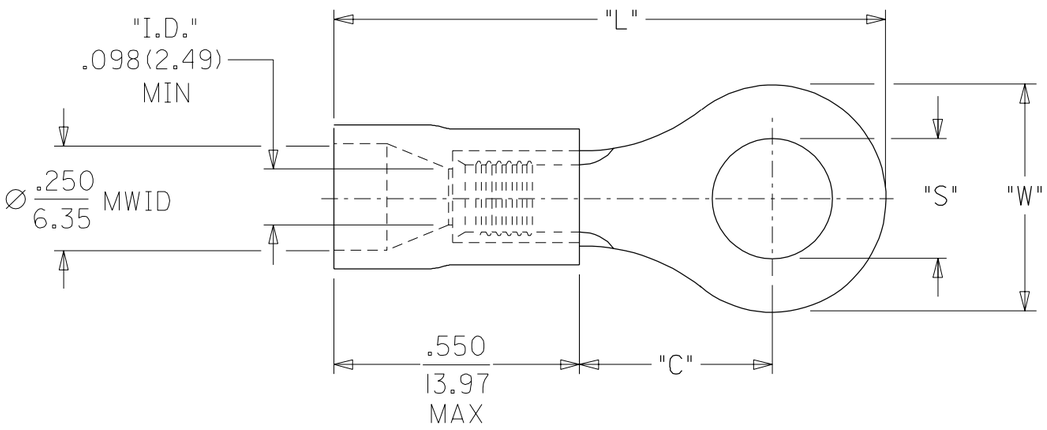
Description	Product #
Hand Crimp Tool	0640010100
Hand Crimp Tool	0640011600
Crimp Head for the AT-200™ Pneumatic Hand Tool	0640050100

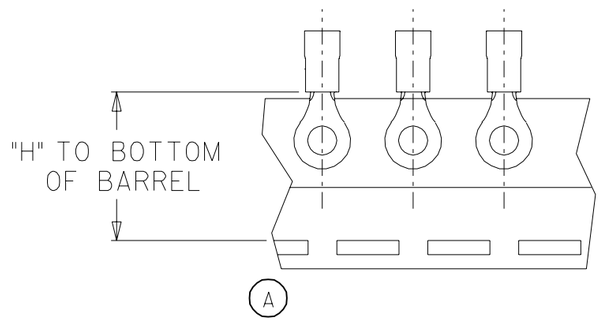
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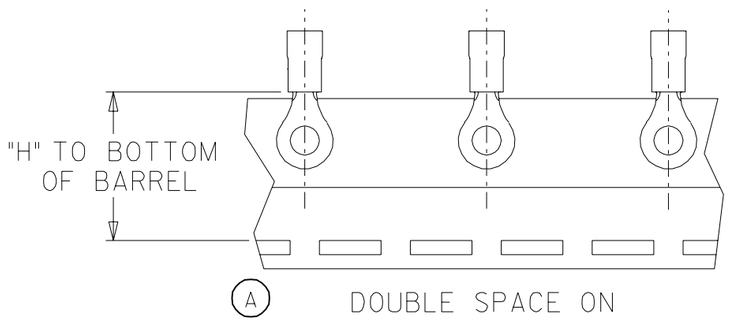
PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

MATERIAL NO. LOOSE PIECE	ENG. NO.	MATERIAL NO. TAPE MOUNTED	ENG. NO.	STUD SIZE	±.003 "S"	"W" MAX. (A)	"C" MIN.	"L" MAX.	(A) "H" ±.020/0.51
190540063	B-201-12HDX	190540064	B-201-12HDXT	12	.515 (13.10)	.760 (19.30)	.611 (15.52)	1.571 (39.90)	1.300 (33.02)
190540065	B-201-14HDX	--------	--------	14	.265 (6.73)				
190540066	B-201-38HDX	190540068	B-201-38HDXT	38	.390 (9.91)				
190540069	B-201-56HDX	--------	--------	56	.328 (8.33)				
190540070	B-201-76HDX	190540071	B-201-76HDXT	76	.453 (11.51)				
190540090	B-228-06HDX	190540091	B-228-06HDXT	6	.146 (3.71)	.385 (9.78)	.303 (7.70)	1.076 (27.33)	.980 (24.89)
190540092	B-228-08HDX	190540093	B-228-08HDXT	8	.173 (4.39)				
190540094	B-228-10HDX	190540095	B-228-10HDXT	10	.198 (5.03)				
190540096	B-230-10HDX	190540021	B-230-10HDXT	10	.198 (5.03)	.540 (13.72)	.393 (9.98)	1.243 (31.57)	
190540097	B-230-14HDX	190540022	B-230-14HDXT	14	.265 (6.73)				
190540098	B-230-56HDX	190540099	B-230-56HDXT	56	.328 (8.33)				
190540103	B-236-04HDX	190540023	B-236-04HDXT	4	.119 (3.02)	.292 (7.42)	(A) .303 (7.70)	1.032 (26.21)	
190540104	B-236-06HDX	190540024	B-236-06HDXT	6	.146 (3.71)				
190540105	B-236-08HDX	190540025	B-236-08HDXT	8	.173 (4.39)				
190540124	B-240-14HDX	190540125	B-240-14HDXT	14	.265 (6.73)	.598 (15.19)	.466 (11.84)	1.347 (34.21)	1.172 (29.77)
190540126	B-240-38HDX	190540127	B-240-38HDXT	38	.390 (9.91)				
190540128	B-240-56HDX	-------	-------	56	.328 (8.33)				

(A) (A)







DOUBLE SPACE ON
B-201-**HDXT
B-240-**HDXT

NOTE(S):
1. MATERIAL: COPPER (.050/1.27)
2. PLATING: ELECTROPLATE TIN.
3. ALL DIMENSIONS IN INCHES/(MM).

WIRE SIZE: 16-14 AWG
1.0 - 2.5 MM^2

SALES DRAWING

UPDATE TO MX STDS. 04/05/06 DESCRIPTION
EC NO. ETC2003-0233
DRWN: DLM 04/05/06
CH'K: HB 04/05/06
APPR: RWD 04/05/06
REV: A

QUALITY SYMBOLS
MAJOR = Ø
CRITICAL (C) = Ø

GENERAL TOLERANCES: (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	±0.----	±.----
3 PLACES	±0.---	±.005
2 PLACES	±0.13	±.010
1 PLACE	±0.25	±.---

ANGULAR: ±1/2°

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

SCALE: NTS
DESIGN UNITS: ☐mm ☒INCH
THIRD ANGLE PROJECTION
DIMENSIONS: ☐mm/INCH ☒INCH/mm ☐mm ONLY
SHT | REV: REVISE ON CAD ONLY

DRAWN BY & DATE: DLM 03/03/14
CHECKED BY & DATE: SB 03/03/14
APPROVED BY & DATE: RWD 03/03/14

TITLE: RING TONGUE TERMINAL
HEAVY-DUTY INSULKRIMP
16-14 AWG

molex MOLEX INCORPORATED

CAD FILENAME: SD1905400I.DGN
MATERIAL NO.: (SEE CHART)
DRAWING NO.: SD-19054-001
SHEET NO.: 1 OF 1

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SIZE: B