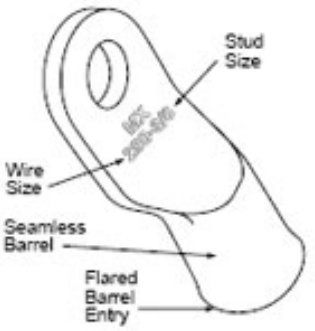
molex
one company > a world of innovation

This document was generated on 04/12/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 0192210224
Status: Active
Description: Compression Style Ring Tongue Terminal for 8 AWG Wire, Stud Size 1/4", Plated



Series image - Reference only

Documents:
Drawing (PDF)
RoHS Certificate of Compliance (PDF)

Agency Certification

CSA	LR18689
UL	E32244

General

Product Family	Ring and Spade Terminals
Series	19221
Comments	Heavy Duty
Crimp Quality Equipment	Yes
Mil-Spec	N/A
Product Name	Battery Cable Lug
Type	Ring

Physical

Barrel Type	Closed
Insulation	None
Material - Plating Mating	Tin
Packaging Type	Bag
Plating min: Mating (µin)	160
Plating min: Mating (µm)	4
Plating min: Termination (µin)	160
Plating min: Termination (µm)	4
Stud Size	1/4" (M6)
Termination Interface: Style	Crimp or Compression
Wire Insulation Diameter	N/A
Wire Size AWG	8
Wire Size mm²	6.60 - 10.5

Material Info

Old Part Number	BCL-814-PL

Reference - Drawing Numbers

Sales Drawing	SD-19221-001

EU RoHS
ELV and RoHS Compliant
REACH SVHC
Contains SVHC: Yes
4,4'-Diaminodiphenylmetha
Dibutyl phthalate
Diarsenic pentaoxide
Diarsenic trioxide
Bis (2-ethyl(hexyl)phthalate) (DEHP)
Hexabromocyclododecane (HBCDD)
Lead hydrogen arsenate
Triethyl arsenate
Benzyl butyl phthalate
2,4-Dinitrotoluene

China RoHS

Halogen-Free Status
Not Reviewed

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
19221Series

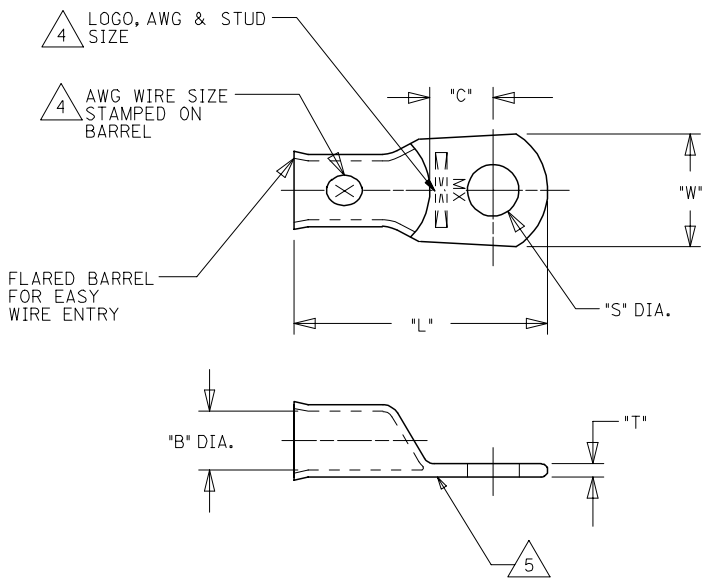
Application Tooling | **FAQ**
Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.

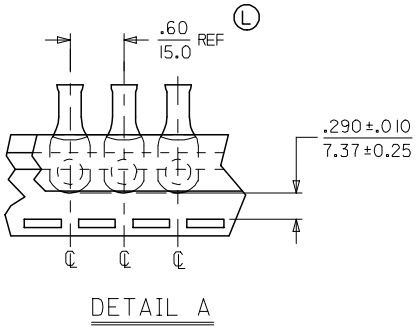
Global

Description	Product #
Putt Pump Dieless Head System	0192860065
Manual tool for Crimping non-insulated 8AWG thru 4/0 Terminals	0192940008
Manual Putt Pump Hydraulic System, Die set required	0192860117
Hand Crimp Tool	0192840034
Die Set (large) for the HHLS Hydralic Crimper	0192900001

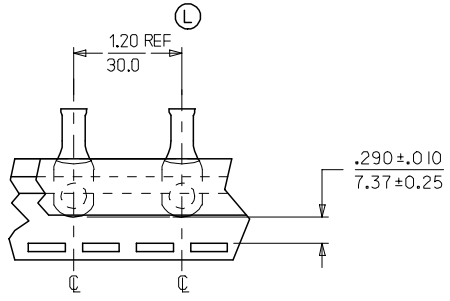
This document was generated on 04/12/2010
PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

UNPLATED MATERIAL NUMBER	UNPLATED ENG. NUMBER	UNPLATED MAT. NO. ON TAPE	UNPLATED ENG. NO. ON TAPE	PLATED MATERIAL NUMBER	PLATED ENGINEERING NUMBER	PLATED MAT. NO. ON TAPE	PLATED ENG. NO ON TAPE	SEE DETAIL	STUD SIZE	AWG WIRE RANGE	"S" ±.010/(0.25)	"L" ±.030/(0.76)	"W" ±.020/(0.50)	"C" ±.040/(1.02)	"B" ±.015/(0.38)	"T" ±.015/(0.38)
1922 10408	BCL-810	1908200 12	BCL-810T	1922 10223	BCL-810-PL	1908200 11	BCL-810-PLT	A	10/(4.8)	8	.214/(5.45)	1.187/(30.15)	.438/(11.13)	.376/(9.55)	.185/(4.70)	.070/(1.78)
1922 10409	BCL-814	1908200 14	BCL-814T	1922 10224	BCL-814-PL	1908200 13	BCL-814-PLT	A	1/4/(6.4)	8	.278/(7.06)	1.187/(30.15)	.438/(11.13)	.376/(9.55)	.185/(4.70)	.070/(1.78)
1922 10562	BCL-814-WP	---	---	1922 10563	BCL-814-WP-PL	---	---	---	1/4/(6.4)	8	.278/(7.06)	1.313/(33.35)	.594/(15.09)	.376/(9.55)	.185/(4.70)	.070/(1.78)
1922 10411	BCL-8516	1908200 17	BCL-8516T	1922 10225	BCL-8516-PL	---	---	A	5/16/(7.9)	8	.340/(8.63)	1.187/(30.15)	.438/(11.13)	.376/(9.55)	.185/(4.70)	.070/(1.78)
1922 10482	BCL-8516-WP	---	---	1922 10483	BCL-8516-WP-PL	1908200 16	BCL-8516-PLT	A	5/16/(7.9)	8	.340/(8.63)	1.313/(33.35)	.594/(15.09)	.422/(10.72)	.185/(4.70)	.070/(1.78)
1922 10410	BCL-838-WP	1908200 15	BCL-838-WPT	1922 10226	BCL-838-WP-PL	192210566	BCL-838-WP-PLT	A	3/8/(9.5)	8	.400/(10.16)	1.313/(33.35)	.594/(15.09)	.422/(10.72)	.185/(4.70)	.070/(1.78)
1922 10481	BCL-838-XWP	---	---	1922 10484	BCL-838-XWP-PL	---	---	---	3/8/(9.5)	8	.400/(10.16)	1.469/(37.31)	.766/(19.46)	.394/(10.01)	.185/(4.70)	.070/(1.78)
1922 10415	BCL-812-XWP	---	---	1922 10414	BCL-812-XWP-PL	---	---	---	1/2/(14.7)	8	.520/(13.21)	1.469/(37.31)	.766/(19.46)	.394/(10.01)	.185/(4.70)	.070/(1.78)
1922 10425	BCL-610	---	---	1922 10424	BCL-610-PL	190820003	BCL-610-PLT	B	10/(4.8)	6	.214/(5.45)	1.281/(32.54)	.438/(11.13)	.345/(8.75)	.232/(5.89)	.075/(1.90)
1922 10406	BCL-614-WP	190820006	BCL-614T	1922 10227	BCL-614-WP-PL	190820005	BCL-614-PLT	B	1/4/(6.4)	6	.278/(7.06)	1.406/(35.72)	.594/(15.09)	.430/(10.9)	.232/(5.89)	.080/(2.03)
1922 10494	BCL-6141	---	---	1922 10495	BCL-6141-PL	1922 10498	BCL-6141-PLT	B	1/4/(6.4)	6	.278/(7.06)	1.281/(32.54)	.438/(11.13)	.345/(8.75)	.232/(5.89)	.075/(1.90)
1922 10407	BCL-6516-WP	---	---	1922 10228	BCL-6516-WP-PL	190820009	BCL-6516-PLT	B	5/16/(7.9)	6	.340/(8.63)	1.406/(35.72)	.594/(15.09)	.352/(8.94)	.232/(5.89)	.080/(2.03)
1922 10493	BCL-6516	1908200 10	BCL-6516T	1922 10492	BCL-6516-PL	1922 10499	BCL-6516-PLT	B	5/16/(7.9)	6	.340/(8.63)	1.281/(32.54)	.438/(11.13)	.345/(8.75)	.232/(5.89)	.075/(1.90)
1922 10384	BCL-638-WP	190820008	BCL-638T	1922 10229	BCL-638-WP-PL	190820007	BCL-638-PLT	B	3/8/(9.5)	6	.400/(10.16)	1.406/(35.72)	.594/(15.09)	.352/(8.94)	.232/(5.89)	.080/(2.03)
1922 10569	BCL-638-XWP	---	---	1922 10568	BCL-638-XWP-PL	---	---	---	3/8/(9.5)	6	.400/(10.16)	1.563/(39.70)	.766/(19.46)	.422/(10.72)	.232/(5.89)	.080/(2.03)
1922 10417	BCL-612-XWP	---	---	1922 10416	BCL-612-XWP-PL	190820004	BCL-612-PLT	B	1/2/(14.7)	6	.520/(13.21)	1.563/(39.70)	.766/(19.46)	.352/(8.94)	.232/(5.89)	.080/(2.03)





DETAIL A



DETAIL B

NOTES:
1. FOR INSPECTION SIGHT HOLE, PLEASE CONSULT FACTORY.
2. OTHER STUD SIZES MAY BE AVAILABLE, PLEASE CONSULT FACTORY.
3. MATERIAL: COPPER
   PLATING: TIN
4. MARKINGS CAN BE AT EITHER LOCATION SHOWN.
5. IF TONGUE IS TO BE BENT AT ANY ANGLE, IT MUST BE BENT AROUND A RADIUS ONE HALF THE TONGUE THICKNESS.
6. ALL COMPONENTS ARE ROHS COMPLIANT.

SALES DRAWING

REVISED W/ TYPO CORRECTED — EC NO: ETC2007-0397 — DRWN:EHILE 2007/04/27 — CHK'D:JMACNEIL 2007/05/09 — APPR:JMACNEIL 2007/05/10 — 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 | SCALE: --- | DESIGN UNITS: INCH | THIRD ANGLE PROJECTION

DRAWN BY: DMYRICK DATE: 2005/5/3
CHECKED BY: RDEROSS DATE: 2005/5/3
APPROVED BY: RDEROSS DATE: 2005/5/3

TITLE: EYELET STYLE COPPER TERMINALS 8 AND 6 AWG LUGS

MOLEX INCORPORATED

MATERIAL NO.: SEE CHART
DOCUMENT NO.: SD-19221-001
SHEET NO.: 1 OF 1

SIZE C

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION