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

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 China RoHS

ELV and RoHS
Compliant
REACH SVHC
Contains SVHC: Yes



4,4'-
Diaminodiphenylmethane
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
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

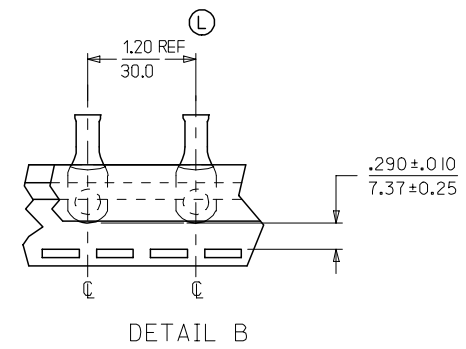
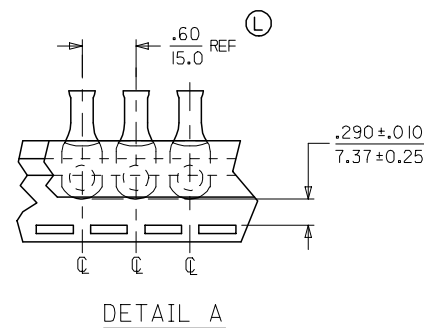
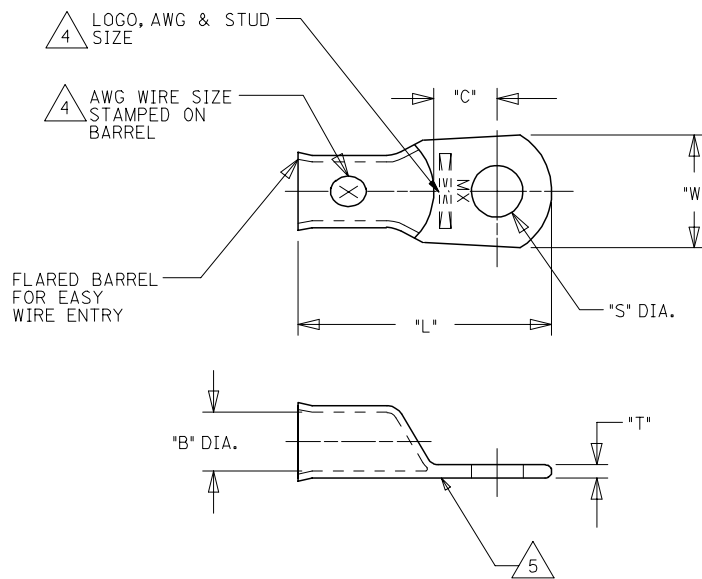
Application Tooling | FAQ
*Tooling specifications and manuals are
found by selecting the products below.
Crimp Height Specifications are then
contained in the Application Tooling
Specification document.*

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

This document was generated on 04/12/2010

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	13	12	11	10	9	8	7	6	5	4	3	2	1					
J	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)	J
	192210408	BCL-810	190820012	BCL-810T	192210223	BCL-810-PL	190820011	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)	
	192210409	BCL-814	190820014	BCL-814T	192210224	BCL-814-PL	190820013	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)	
	192210562	BCL-814-WP	---	---	192210563	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)	
	192210411	BCL-8516	190820017	BCL-8516T	192210225	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)	
	192210482	BCL-8516-WP	---	---	192210483	BCL-8516-WP-PL	190820016	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)	
	192210410	BCL-838-WP	190820015	BCL-838-WPT	192210226	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)	
	192210481	BCL-838-XWP	---	---	192210484	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)	
	192210415	BCL-812-XWP	---	---	192210414	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)	
	192210425	BCL-610	---	---	192210424	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)	
	192210406	BCL-614-WP	190820006	BCL-614T	192210227	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)	
	192210494	BCL-6141	---	---	192210495	BCL-6141-PL	192210498	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)	
	192210407	BCL-6516-WP	---	---	192210228	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)	
	192210493	BCL-6516	190820010	BCL-6516T	192210492	BCL-6516-PL	192210499	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)	
	192210384	BCL-638-WP	190820008	BCL-638T	192210229	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)	
	192210569	BCL-638-XWP	---	---	192210568	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)	
	192210417	BCL-612-XWP	---	---	192210416	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)	
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SALES DRAWING

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.

REVISED W/ TYPO CORRECTED EC NO: ETC2007-0397 DRAWN BY: DRWNEHLE CHKD: IMACNEIL APPR: IMACNEIL 2007/04/27 2007/05/09 2007/05/10	QUALITY SYMBOLS ▽=0 ▽=0	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE ---	DESIGN UNITS INCH	THIRD ANGLE PROJECTION ◎ □			
			mm	INCH	DRAWN BY DMYRICK	DATE 2005/5/3	TITLE EYELET STYLE COPPER TERMINALS 8 AND 6 AWG LUGS					
			4 PLACES	± ---	± ---	CHECKED BY RDEROSS	DATE 2005/5/3					
			3 PLACES	± ---	± ---	APPROVED BY RDEROSS	DATE 2005/5/3	MOLEX MOLEX INCORPORATED				
			2 PLACES	± ---	± ---	MATERIAL NO.		DOCUMENT NO.		SHEET NO.		
			1 PLACE	± ---	± ---							
			ANGULAR		± --- °	SEE CHART		SD-19221-001		1 OF 1		
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS					THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				