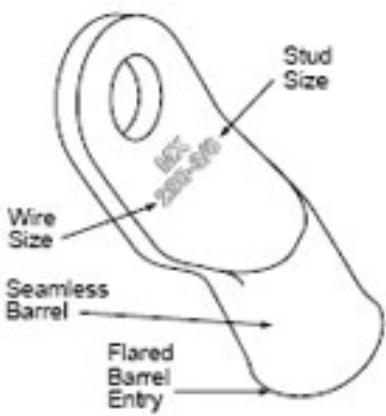




产品编号：[192210230](#)
Product Description：Compression Style
Ring Tongue Terminal for 4 AWG Wire, Stud
Size 1/4" (M6), Tin Plated
系列号：19221
状态：Active
Product Category：Ring and Spade
Terminals
工程编号：BCL-414-PL



文件和资源

图纸

图纸 [192210230_sd.pdf](#)

3D 模型和设计文件

3D模型 [192210230_stp.zip](#)

规格

产品规格 [PS-19901-017-001.pdf](#)

产品规格 [PS-19902-011-001.pdf](#)

产品规格 [PS-19902-013-001.pdf](#)

产品规格 [PS-19902-017-001.pdf](#)

产物环境合规

合规

GADSL/IMDS	Compliant with Exemption 44
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2023)3788-DC (14 Jun 2023)
EU RoHS	Compliant per EU 2015/863

多部分产品合规性声明

- Eu RoHS
- REACH SVHC

- Low-Halogen
- 多部分行业合规性文件
- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

欧盟 RoHS 合格证书

产品详情

常规

状态	活动
类别	Ring and Spade Terminals
系列	19221
说明	Compression Style Ring Tongue Terminal for 4 AWG Wire, Stud Size 1/4" (M6), Tin Plated
个评论	Heavy Duty
关键字	Ring Terminal, Ring Terminals
产品系列	Battery Cable Lugs
产品名称	Battery Cable Lug
类型	Ring
UPC	800753062290

机构

CSA	LR75179
UL	E32244

物理

筒型	已关闭
绝缘	无
材料 – 接合部位电镀	Tin
净重	9. 290/g
包装形式	Bag
最薄镀层 – 接合部位	4. 064µm
最薄镀层 – 端接	4. 064µm

螺柱规格	1/4" (M6)
终端界面类型	Crimp or Compression
导线绝缘直径	不适用
线径规格 (AWG)	4

进程

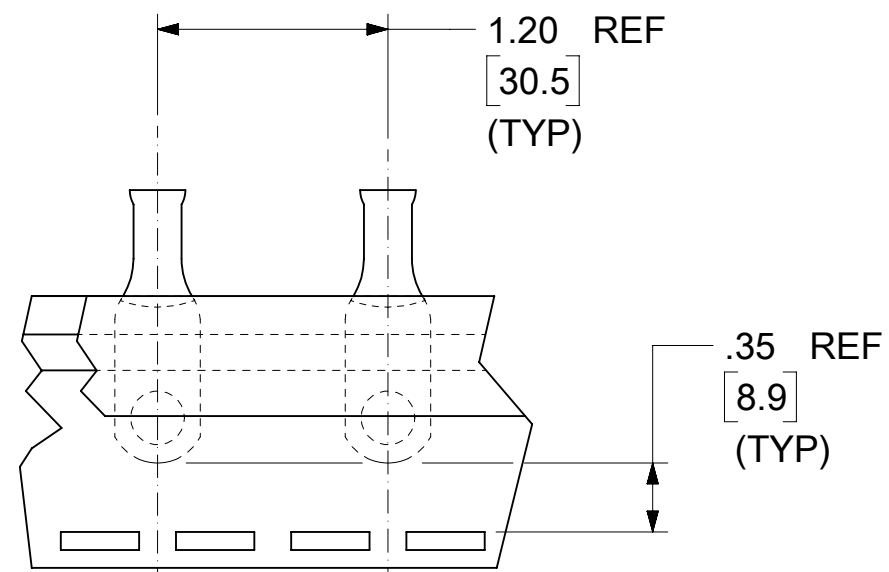
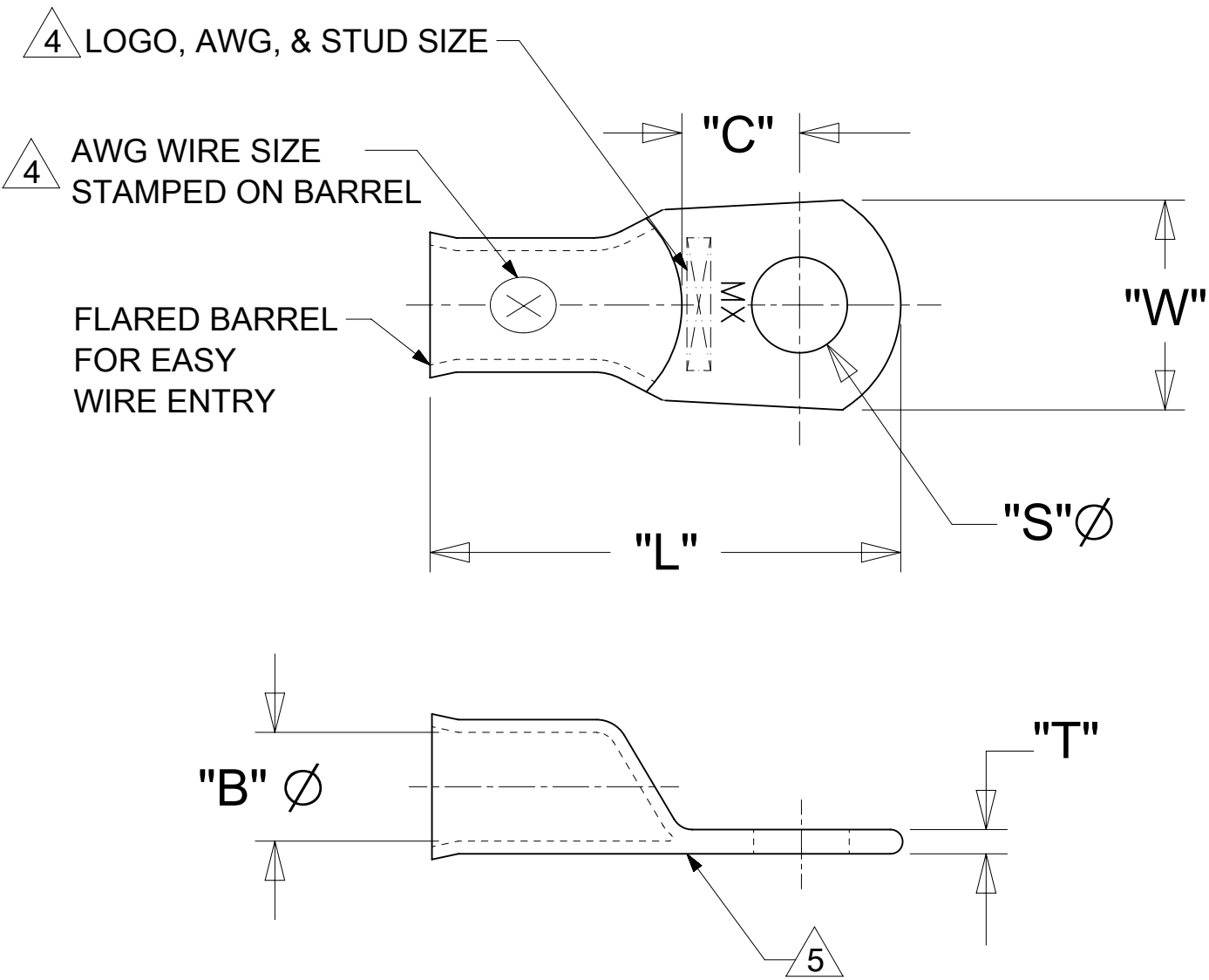
无铅	不适用
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施工工具

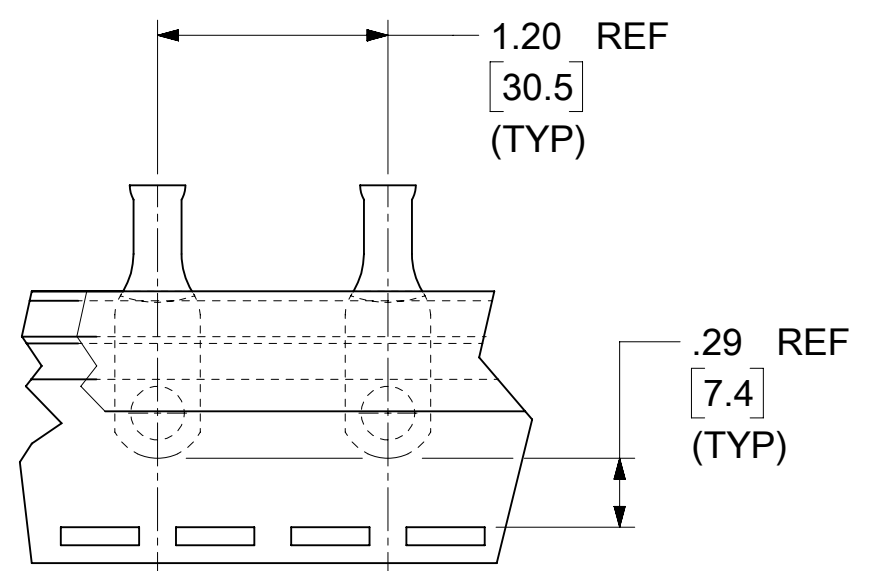
全局

描述	产品编号
Hand Crimp Tool for Eyelet Style Copper Lug Terminals 8-4/0 AWG	<u>0192840034</u>
Manual Putt Pump Hydraulic System, Die set required	<u>0192860117</u>
Die Set (Large) for the HHLS Hydraulic Crimper	<u>0192900007</u>
Die Set (Large) for the HHLS Hydraulic Crimper	<u>0192900750</u>
Manual tool for Crimping non-insulated 8AWG thru 4/0 Terminals	<u>0192940008</u>
Hydraulic Dieless Crimping Tool	<u>0638161700</u>
Square “DIN” Style Dies for 4 AWG	<u>0640037870</u>
Square “Din” Style Die Set for BCL and VersaKrimp Un-insulated Ring Tongue Terminals and Splices, 4 AWG	<u>0640038670</u>

12	11	10	9	8	7	6	5	4	3	2	1					
UNPLATED MATERIAL NUMBER	UNPLATED ENG. NUMBER	UNPLATED MAT'L 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	WIRE RANGE	"S" ±.015/0.38	"L" ±.050/1.27	"W" ±.035/0.89	"C" ±.050/1.27	"B" ±.020/0.51	"T" ±.030/0.76
I922 I045 I	BCL-4 I0	190820044	BCL-410T	I922 I0452	BCL-4 I0-PL	190820048	BCL-410-PLT	D	10/4.8mm	4 AWG/25mm ²	.214/5.45	1.500/38.10	.531/13.49	.429/10.90	.286/7.26	.080/2.03
I922 I0404	BCL-4 I4	190820045	BCL-414T	I922 I0230	BCL-4 I4-PL	190820049	BCL-414-PLT	D	1/4"/M6	4 AWG/25mm ²	.278/7.06	1.500/38.10	.531/13.49	.429/10.90	.286/7.26	.080/2.03
I922 I0405	BCL-45 I6	190820046	BCL-4516T	I922 I023 I	BCL-45 I6-PL	190820025	BCL-4516-PLT	D	5/16"/M8	4 AWG/25mm ²	.340/8.64	1.500/38.10	.531/13.49	.429/10.90	.286/7.26	.080/2.03
I922 I046 I	BCL-45 I6-WP	190820050	BCL-4516-WPT	I922 I0460	BCL-45 I6-WP-PL	190820052	BCL-4516-WP-PLT	D	5/16"/M8	4 AWG/25mm ²	.340/8.64	1.531/38.89	.625/15.88	.397/10.08	.286/7.26	.080/2.03
I922 I0383	BCL-438	190820047	BCL-438T	I922 I0232	BCL-438-PL	190820026	BCL-438-PLT	D	3/8"/M9	4 AWG/25mm ²	.400/10.16	1.500/38.10	.531/13.49	.429/10.90	.286/7.26	.080/2.03
I922 I0458	BCL-438-WP	190820051	BCL-438-WPT	I922 I0456	BCL-438-WP-PL	190820027	BCL-438-WP-PLT	D	3/8"/M9	4 AWG/25mm ²	.400/10.16	1.531/38.89	.625/15.88	.397/10.08	.286/7.26	.080/2.03
I922 I0459	BCL-438-XWP	D) ----	-----	I922 I0457	BCL-438-XWP-PL	D) ----	-----	---	3/8"/M9	4 AWG/25mm ²	.400/10.16	1.688/42.88	.766/19.46	.444/11.28	.286/7.26	.100/2.54
I922 I0453	BCL-4 I2-XWP	D) ----	-----	I922 I0454	BCL-4 I2-XWP-PL	D) ----	-----	---	1/2"/M12	4 AWG/25mm ²	.520/13.21	1.688/42.88	.766/19.46	.444/11.28	.286/7.26	.100/2.54
I922 I04 I9	BCL-2 I4	190820057	BCL-214T	I922 I04 I8	BCL-2 I4-PL	190820001	BCL-214-PLT	C	1/4"/M6	2 AWG/35mm ²	.278/7.06	1.625/41.28	.625/15.88	.437/11.10	.336/8.53	.095/2.41
I922 I0400	BCL-25 I6	190820058	BCL-2516T	I922 I0233	BCL-25 I6-PL	190820002	BCL-2516-PLT	C	5/16"/M8	2 AWG/35mm ²	.340/8.64	1.625/41.28	.625/15.88	.437/11.10	.336/8.53	.095/2.41
I922 I0380	BCL-238	190820059	BCL-238T	I922 I0235	BCL-238-PL	190820030	BCL-238-PLT	C	3/8"/M9	2 AWG/35mm ²	.400/10.16	1.625/41.28	.625/15.88	.437/11.10	.336/8.53	.095/2.41
I922 I0564	BCL-238-WP	D) ----	-----	I922 I0565	BCL-238-WP-PL	D) ----	-----	---	3/8"/M9	2 AWG/35mm ²	.400/10.16	1.750/44.45	.750/19.05	.474/12.04	.336/8.53	.095/2.41
I922 I0399	BCL-2 I2-WP	D) ----	-----	I922 I0236	BCL-2 I2-WP-PL	D) ----	-----	---	1/2"/M12	2 AWG/35mm ²	.520/13.21	1.750/44.45	.750/19.05	.474/12.04	.336/8.53	.095/2.41
I922 I0594	BCL- I I0	----	-----	I922 I0595	BCL- I I0-PL	----	-----	---	10/4.8mm	1 AWG/50mm ²	.214/5.45	1.718/43.64	.656/16.66	.446/11.33	.360/9.14	.100/2.54
I922 I042 I	BCL- I I4	----	-----	I922 I0420	BCL- I I4-PL	----	-----	---	1/4"/M6	1 AWG/50mm ²	.278/7.06	1.718/43.64	.656/16.66	.446/11.33	.360/9.14	.100/2.54
I922 I0396	BCL- I5 I6	----	-----	I922 I0237	BCL- I5 I6-PL	----	-----	---	5/16"/M8	1 AWG/50mm ²	.340/8.64	1.718/43.64	.656/16.66	.446/11.33	.360/9.14	.100/2.54
I922 I0378	BCL- I38	----	-----	I922 I0238	BCL- I38-PL	----	-----	---	3/8"/M9	1 AWG/50mm ²	.400/10.16	1.718/43.64	.656/16.66	.446/11.33	.360/9.14	.100/2.54
I922 I0580	BCL- I38-WP	----	-----	I922 I058 I	BCL- I38-WP-PL	----	-----	---	3/8"/M9	1 AWG/50mm ²	.400/10.16	1.844/46.84	.750/19.05	.474/12.04	.360/9.14	.100/2.54
I922 I0395	BCL- I I2	----	-----	I922 I0239	BCL- I I2-PL	----	-----	---	1/2"/M12	1 AWG/50mm	.520/13.21	1.844/46.84	.750/19.05	.474/12.04	.360/9.14	.100/2.54



DETAIL "C"



DETAIL "D"

NOTE(S):

- 1. FOR INSPECTION SIGHT HOLE, PLEASE CONSULT WITH FACTORY.
- 2. OTHER STUD SIZES MAY BE AVAILABLE, PLEASE CONSULT WITH 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 PARTS ARE RoHS COMPLIANT.

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

DIMENSION UNITS	SCALE	
IN/MM	NTS	
GENERAL TOLERANCES (UNLESS SPECIFIED)		
	MM	INCH
4 PLACES	±	±
3 PLACES	±	±
2 PLACES	±	±
1 PLACE	±	±
0 PLACES	±	±
ANGULAR TOL	±	°
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		

CURRENT REV DESC: REMOVED INACTIVE PN'S

EC NO: 739834
DRWN: DEANNM1
CHK'D: JMACNEIL
APPR: JMACNEIL

2023/02/17
2023/02/23
2023/02/23

INITIAL REVISION:
DRWN: BE
APPR: RD

2002/06/26
2002/06/26

mo

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xe

EYELET STYLE
COPPER TERMINALS 4, 2, & 1 AWG LUGS

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER

SD-19221-010

DOC TYPE

PSD

DOC PART

001

REVISION

D

MATERIAL NUMBER

SEE CHART

CUSTOMER

GENERAL MARKET

SHEET NUMBER

1 OF 1

THIRD ANGLE PROJECTION

C-SIZE

19221

SERIES

19221