



产品编号 : 1510530003

系列号 : 151053

Product Category : PCB Headers and Receptacles

Product Description : 11.00mm Pitch EXTreme Guardian Power Vertical Plug PCB Header, 2.30mm PCB Thickness, Gold (Au) Plating, 3 Circuits

状态 : Active

文件和资源

图纸

[图纸 1510530003_sd.pdf](#)

[包装设计图 PK-151053-0001-001.pdf](#)

3D 模型和设计文件

[3D模型 1510530003_stp.zip](#)

[符号足迹数据 SYM-151053-0003-001.zip](#)


规格

[应用规格 1510350000-AS-000.pdf](#)

[产品规格 PS-151053-0000-001.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)8585-DC (23 Jan 2024)
EU RoHS	Compliant per EU 2015/863

多部分产品合规性声明

- Eu RoHS
- REACH SVHC
- Low-Halogen

- 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	PCB Headers and Receptacles
系列	151053
说明	11.00mm Pitch EXTreme Guardian Power Vertical Plug PCB Header, 2.30mm PCB Thickness, Gold (Au) Plating, 3 Circuits
应用	Power, Wire-to-Board
元件类型	PCB Header
产品系列	EXTreme Guardian System
产品名称	EXTreme Guardian
UPC	889056571715

机构

CSA	LR19980
UL	E29179

电气

每触点最大电流	80.0A
电压 - 最大	600V AC/DC

物理

断开	否
回路数 (已载入)	3
电路数 (最多)	3
颜色-树脂	黑色
耐用性(插拔次数) - 最多次数	25
先接后断	否
阻燃性	94V-0

符合灼热丝规范	否
锁定插接部位	是
材料 - 金属	Copper Alloy
材料 - 接合部位电镀	金牌
材料 - 终端电镀	Tin
材料 - 树脂	Liquid Crystal Polymer
净重	18.531/g
行数	1
方向	垂直
包装形式	Tray
PC 焊脚长度	2.83mm
PCB 定位器	否
推荐的 PCB 厚度	2.30mm
间距 - 插配接口	11.00mm
最薄镀层 - 接合部位	0.762µm
最薄镀层 - 端接	2.540µm
有极性的插配件	是
PCB 极性	否
运行温度范围	-40° to +105° C
终端界面类型	Through Hole - Compliant Pin

进程

无铅	不适用
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可配插/可连接使用的产品

可配插部件

描述	产品编号
11.00mm Pitch EXTreme Guardian Power Receptacle Assembly, 6 AWG, PBT, 3 Circuits	<u>1510340013</u>

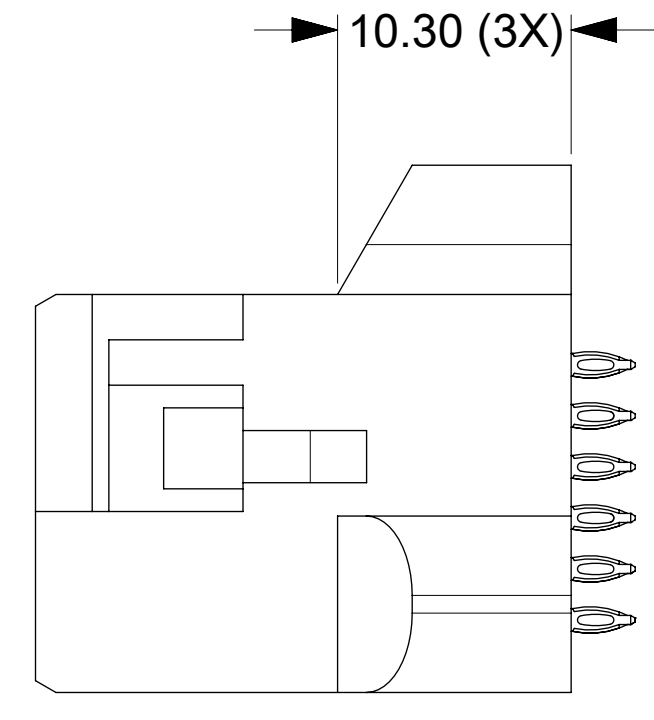
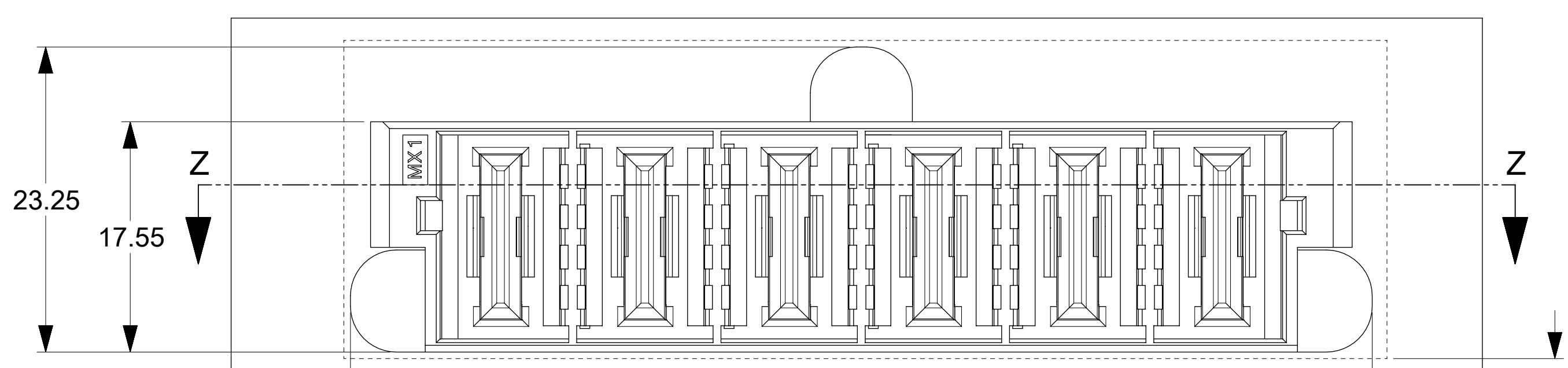
施工工具

全局

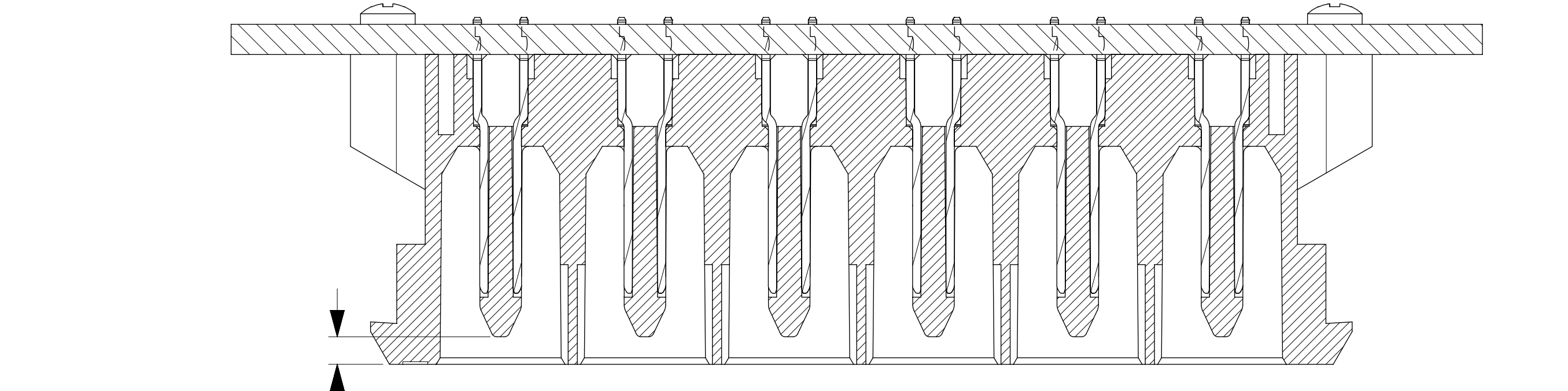
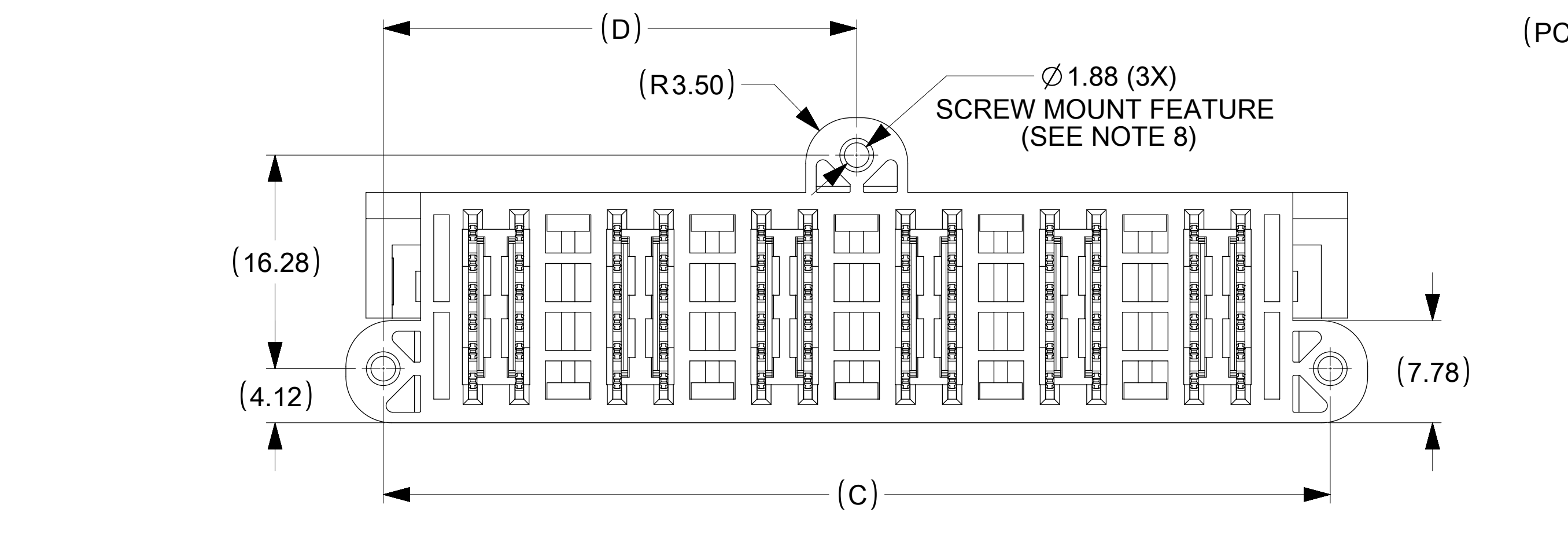
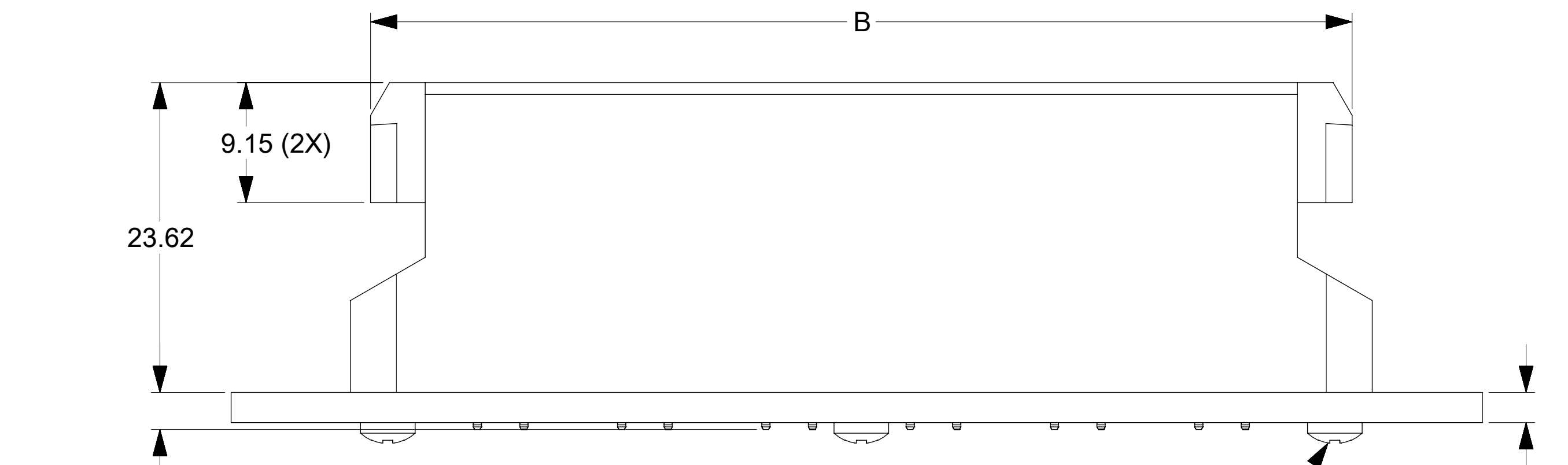
描述	产品编号
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Extraction Tool for EXTreme Guardian Power Vertical Plug PCB Header, Compliant Pin, 2-6 Circuit, 151053 Series	<u>2001991500</u>
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ALLOW 4.00 EXTRA PER SIDE FOR RE-WORK

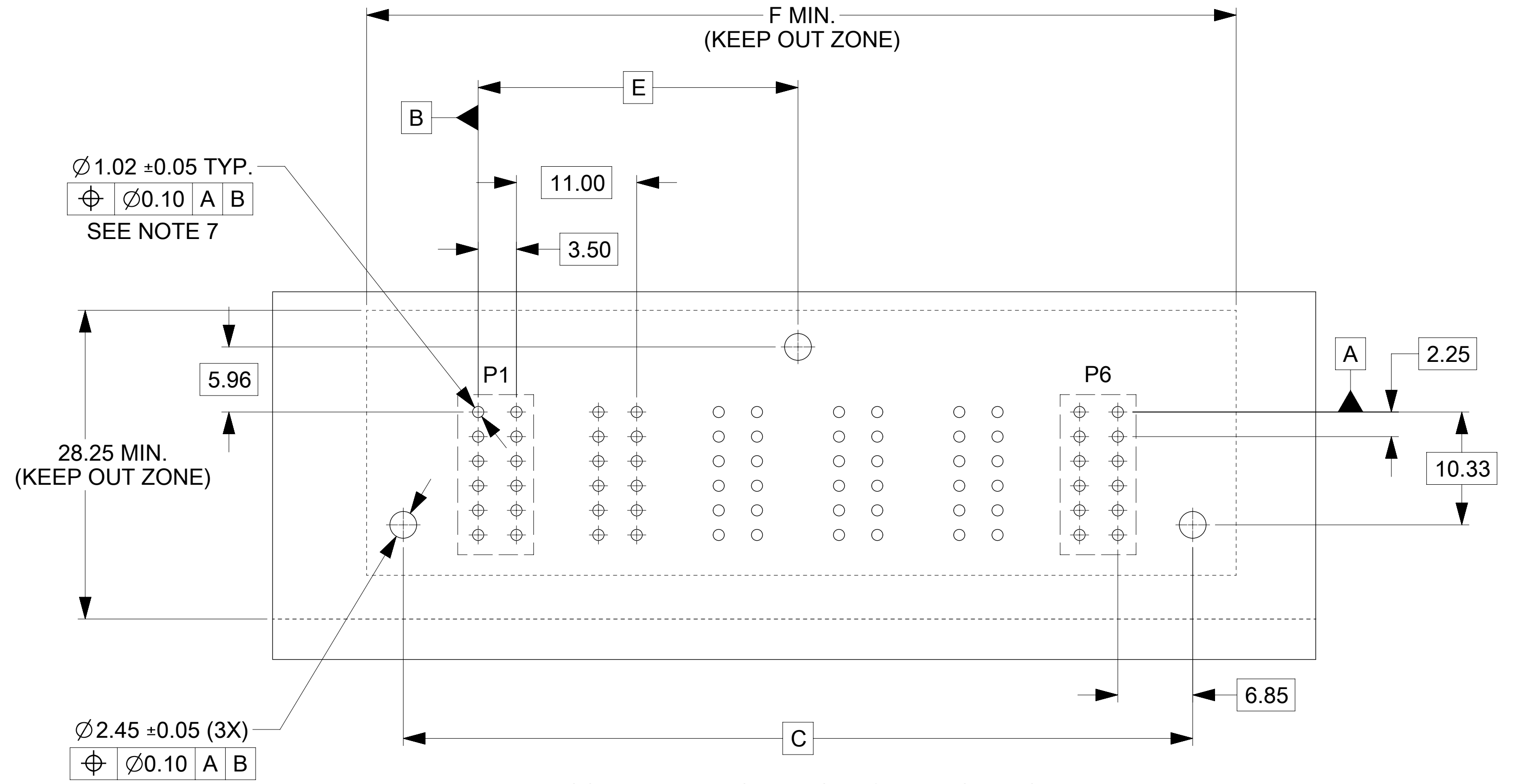


SECTION Z-Z

NOTES:

- MATERIAL:
HOUSING: LCP, UL94V-0, COLOR: BLACK
TERMINALS: COPPER ALLOY
- FINISHES: TERMINALS : 30µIN MIN. GOLD ON CONTACT
100µIN MIN. TIN ON TAIL
50µIN MIN. NICKEL UNDERPLATE OVERALL.
- PRODUCT SPECIFICATION: PS-151053-0000
- PACKAGING SPECIFICATION: PK-151053-0001
- MATING WITH CRIMP: 46819, CRIMP RECEPTACLE HOUSING: 151034
- TAIL DESIGN : COMPLIANT PIN
- PLATED THRU HOLE SIZE, REFER TO PS-151053-0000
- RECOMMENDED SCREW: 2-32 TYPE AB X 0.300".
SCREWS ARE NOT INCLUDED
- USE FLAT ROCK APPLICATION TOOLING.
- POWER CONTACTS ARE LUBRICATED.

PART NO.	CKT	DIM. A	DIM. B	DIM. C	DIM. D	DIM. E	DIM. F
1510530002	2	33.90	30.84	28.20	14.10	7.25	34.90
1510530003	3	44.90	41.84	39.20	19.60	12.75	45.90
1510530004	4	55.90	52.84	50.20	25.10	18.25	56.90
1510530005	5	66.90	63.84	61.20	30.60	23.75	67.90
1510530006	6	77.90	74.84	72.20	36.10	29.25	78.90



RECOMMENDED PCB LAYOUT & KEEP OUT ZONE

SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC: UPDATED NOTE		
	DIMENSION UNITS	SCALE	DESCRIPTION		
▽ = 0	mm	NTS			GUARDIAN 2 - 6CKT VERTICAL HEADER POWER CONNECTOR
▽ = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)				
▽ = 0		MM	INCH	EC NO: 729257	PRODUCT CUSTOMER DRAWING DOCUMENT NUMBER: SD-151053-0001 DOC TYPE: PSD DOC PART: 001 REVISION: B2
▽ = 0	4 PLACES	±	±	DRWN: ABHIRK 2022/11/15	
▽ = 0	3 PLACES	±	±	CHK'D: SUVARS 2022/11/21	MATERIAL NUMBER: SEE TABLE CUSTOMER: GENERAL MARKET SHEET NUMBER: 1 OF 1
▽ = 0	2 PLACES	± 0.25	±	APPR: HTHYAGARAJ 2022/12/05	
▽ = 0	1 PLACE	± 0.25	±	INITIAL REVISION:	
⊠ = 0	0 PLACES	±	±	DRWN: CGOH 2015/01/22	
⊠ = 0	ANGULAR TOL	± 3.0°		APPR: KHLIM 2015/08/14	
■ = 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	THIRD ANGLE PROJECTION		DRAWING: D-SIZE	
▽ = 0				SERIES: 151053	