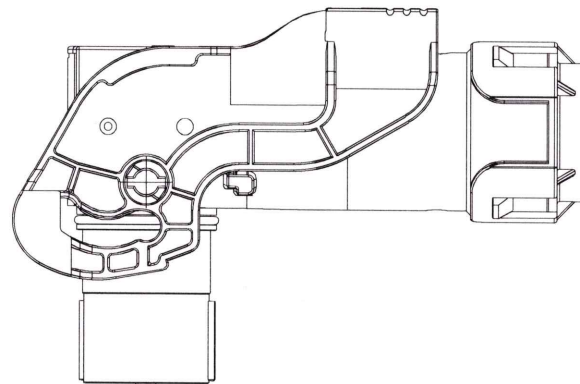
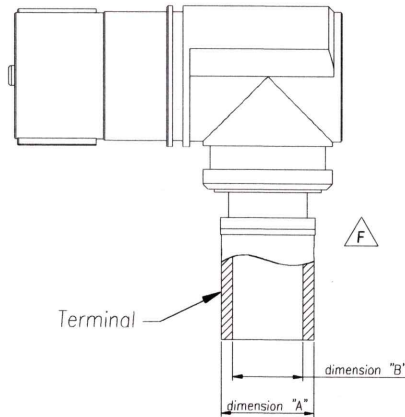
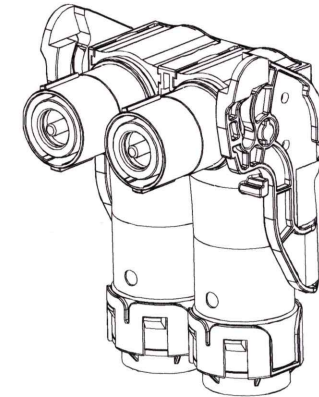
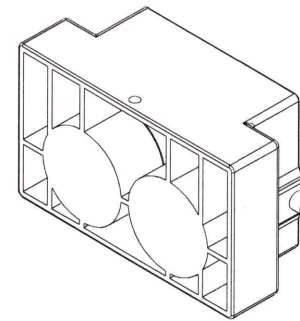
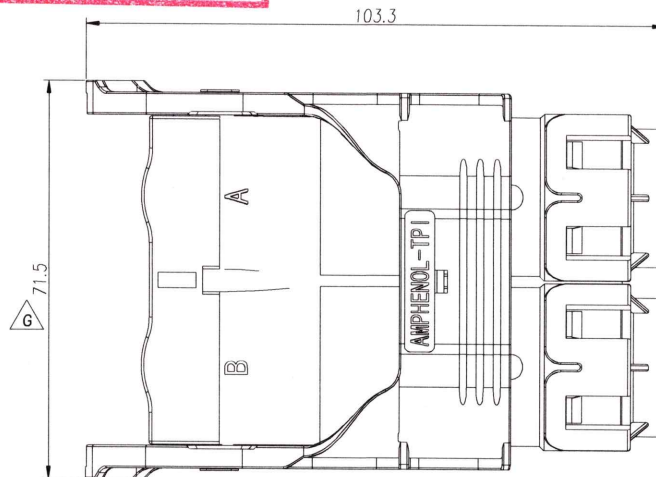
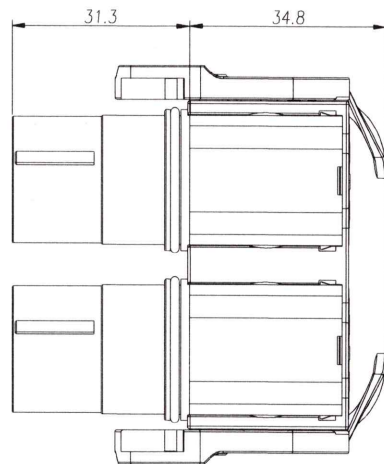


Customer Drawing

Amphenol TPI
2022 -10- 13
REGISTERED COPY

REVISIONS					
REV	ZONE	ECO	DESCRIPTION	DATE	BY APPR
A	--	--	Updated	07/04/14	RW EC
E	--	ECNG180802	Update Spec	08/29/18	Fred JL
F	--	--	Add cable OD requirements	07/22/21	Steven JL
G	--	--	Update dimension and add 25mm ² P/N	10/12/22	Allen JL



Standard Part List (With HVIL)

P/N	Model NO.	overall-diameter nominal (mm)	outside-diameter of terminal (mm): "A"	inside-diameter of terminal (mm): "B"
AC-HA000781	PL282X-301-35	14.5±0.5	12.0±0.05	9.0±0.05
AC-HA000782	PL282Y-301-35	14.5±0.5	12.0±0.05	9.0±0.05
AC-HA000783	PL282X-301-50	17.0±0.5	15.0±0.05	11.0±0.05
AC-HA000784	PL282Y-301-50	17.0±0.5	15.0±0.05	11.0±0.05
AC-HA000785	PL282X-301-70	19.5±0.5	16.8±0.05	12.5±0.05
AC-HA000786	PL282Y-301-70	19.5±0.5	16.8±0.05	12.5±0.05
AC-HA004395	PL282X-301-25	13.5±0.3	10.0±0.05	7.5±0.05
AC-HA004396	PL282Y-301-25	13.5±0.3	10.0±0.05	7.5±0.05

Standard Part List (Without HVIL)

P/N	Model NO.	overall-diameter nominal (mm)	outside-diameter of terminal (mm): "A"	inside-diameter of terminal (mm): "B"
AC-HA000793	PL282X-300-35	14.5±0.5	12.0±0.05	9.0±0.05
AC-HA000794	PL282Y-300-35	14.5±0.5	12.0±0.05	9.0±0.05
AC-HA000795	PL282X-300-50	17.0±0.5	15.0±0.05	11.0±0.05
AC-HA000796	PL282Y-300-50	17.0±0.5	15.0±0.05	11.0±0.05
AC-HA000797	PL282X-300-70	19.5±0.5	16.8±0.05	12.5±0.05
AC-HA000798	PL282Y-300-70	19.5±0.5	16.8±0.05	12.5±0.05
AC-HA004397	PL282X-300-25	13.5±0.3	10.0±0.05	7.5±0.05
AC-HA004398	PL282Y-300-25	13.5±0.3	10.0±0.05	7.5±0.05

订购信息 Ordering Information

PL28 2 X - 30 1 - 70

规格参数 (Spec.):

- 工作温度 Operating temperature: -40° C~+125° C.
- 额定电流 Current rating (Connector Only): 300 A.
- 额定电压 Operating voltage: 1000 VDC.
- 耐电压 Dielectric withstanding voltage: 5000 VDC.
- 防护等级 Protection class: IP67 & IP2X.
- 电磁屏蔽 Shielding.
- 机械寿命 Mating cycle: 100 Min. **E**
- 带自动二次锁扣 Automatic secondary lock.
- 带高压互锁 Electrical interlock (HVIL).

键位及颜色 Key
"X" Key
"Y" Key

高压互锁 HVIL
0, 不带互锁 No HVIL
1, 带互锁 With HVIL

线缆大小 Cable Size
"70"=70mm²
"50"=50mm²
"35"=35mm²
"25"=25mm²

Key Characteristics
Contact Amphenol for Latest Definition
Critical 关键特性
Significant 重要特性

AMPHENOL
TPI

Amphenol Technical Products International GZ

签名 SIGNATURE
制图 DRAWN
审核 CHECKED
批准 APPROVAL

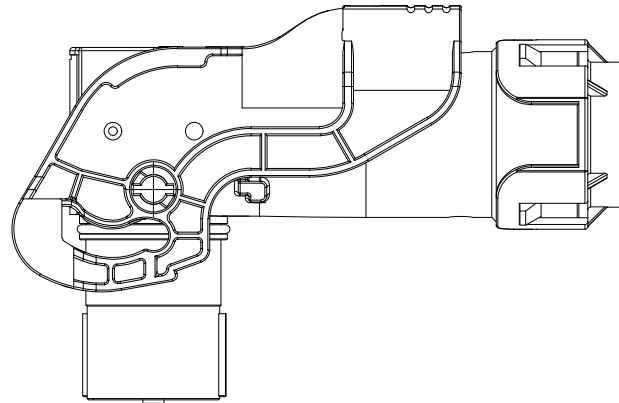
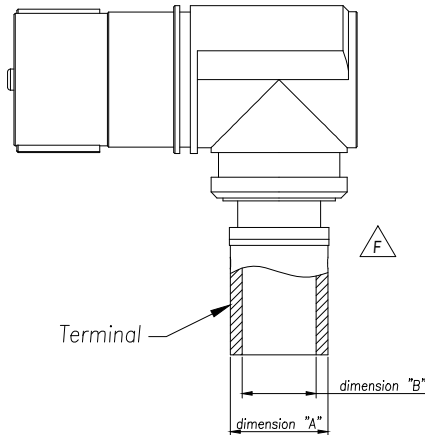
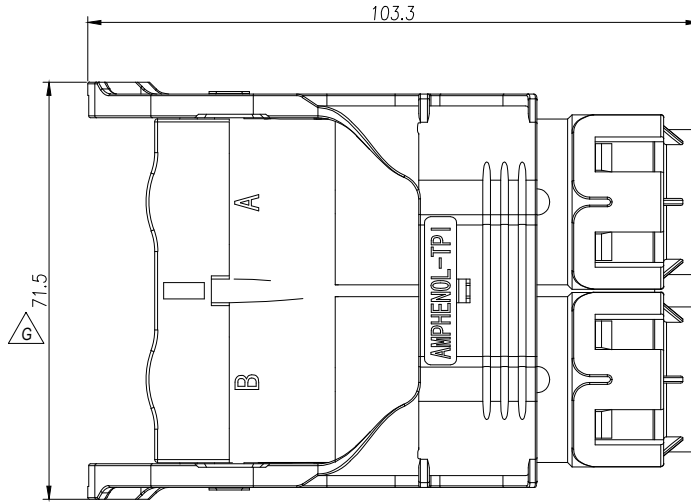
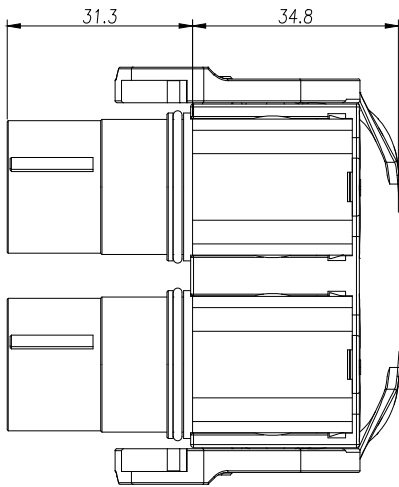
日期 DATE
10/12/22

UNLESS OTHERWISE SPECIFIED
1) All dimensions are in metric (mm).
2) Tolerances are as follows:
0 PL DEC ±1.00
1 PL DEC ±0.50
2 PL DEC ±0.20
Angles ±1°

Part Name: PwrLok 10mm-90 2POS Plug Conn
DWG NO: PL282()-300
CUST PART #: N/A
CUST REV: -

THIS DRAWING IS SUPPLIED FOR INFORMATION ONLY. DESIGN FEATURES, SPECIFICATIONS AND PERFORMANCE DATA SHOWN HEREON ARE THE PROPERTY OF THE AMPHENOL CORPORATION. NO RIGHTS OF REPRODUCTION ARE IMPLIED. ALL DIMENSIONS ARE SUBJECT TO NORMAL MANUFACTURING VARIATIONS.

Customer Drawing



订购信息 Ordering Information

PL28 2 X - 30 1 - 70

规格参数 (Spec.):

- 工作温度 Operating temperature: $-40^{\circ}\text{C} \sim +125^{\circ}\text{C}$.
- 额定电流 Current rating (Connector Only): 300 A.
- 额定电压 Operating voltage: 1000 VDC.
- 耐电压 Dielectric withstanding voltage: 5000 VDC.
- 防护等级 Protection class: IP67 & IP2X.
- 电磁屏蔽 Shielding.
- 机械寿命 Mating cycle: 100 Min.
- 带自动二次锁扣 Automatic secondary lock.
- 带高压互锁 Electrical interlock (HVIL).

键位及颜色 Key
"X" Key
"Y" Key

高压互锁 HVIL
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线缆大小 Cable Size
"70"=70mm²
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Key Characteristics
Contact
Amphenol for Latest Definition

Critical 关键特性
 Significant 重要特性

AMPHENOL
TP

签名 SIGNATURE
制图 DRAWN
审核 CHECKED
批准 APPROVAL

Amphenol Technical Products International GZ

第三角投影
THIRD ANGLE
PROJECTION

页面
SHEET

幅面
SIZE

版次
REV.

比例
SCALE

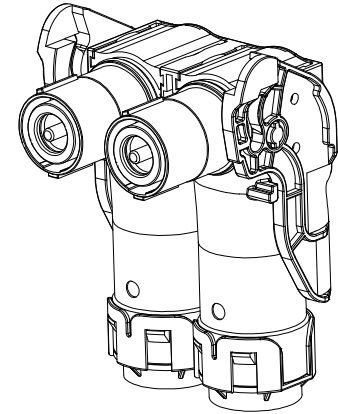
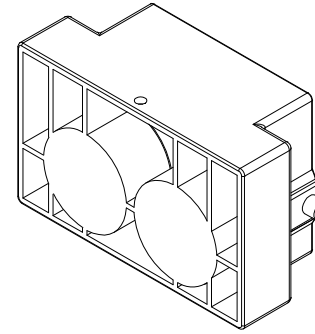
PART NAME:
PwrLok 10mm-90 2POS Plug Conn

DWG NO:
PL282()-300

CUST PART #:
N/A

CUST REV.
-

6		7		8	
REV		ECO		REVISIONS	
A		---		DESCRIPTION	DATE
A		---		Updated	07/04/14
E		ECNG180802		Update Spec	08/29/18
F		---		Add cable OD requirements	07/22/21
G		---		Update dimension and add 25mm ² P/N	10/12/22



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