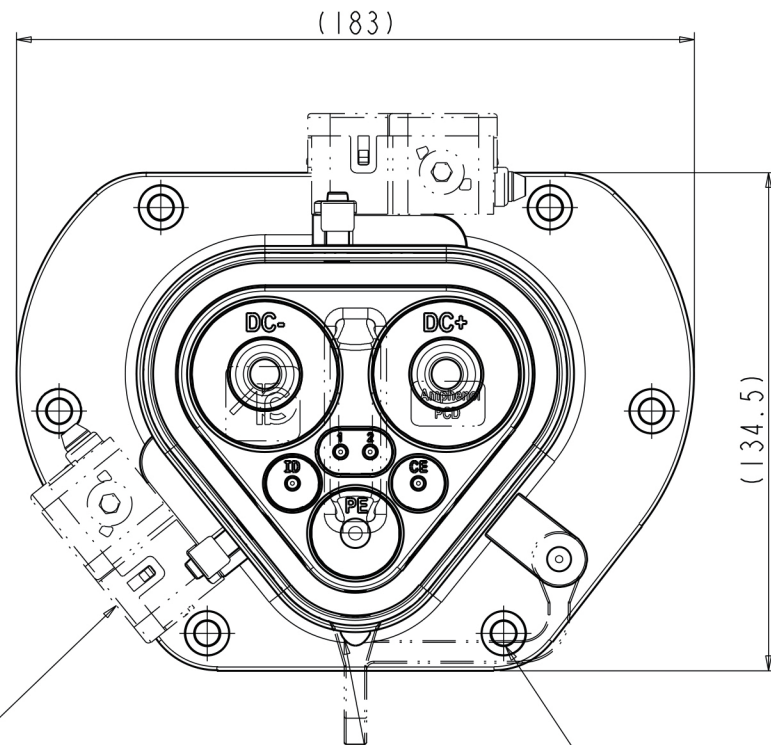


Amphenol PCD SZ
ORIGINAL
PDF Format
R&D

REV	ECN	DESCRIPTION	DATE	MODIFIED
1		PRE- RELEASE	Nov-15-2023	Amos
2	R8148	CHANGE STRUCTURE	May-28-2024	Amos
3	R8539	CHANGE STRUCTURE	Oct-29-2024	Amos



E-LOCK
SEPARATELY ORDER

DRAIN HOLE

M6 SCREW AND
WASHER APPLICABLE
6 PLS

NOTES:

1. MATERIAL:

HOUSING: THERMOPLASTICS, UL94V-0, BLACK
CONTACT: COPPER ALLOY, SILVER PLATED.
CAP: THERMOPLASTICS, BLACK.

2. RATED VOLTAGE: DC 1500 V MAX.

RATED CURRENT: 3000A MAX. (CUSTOMIZE BUSBAR)

ID/CE: DC 30V 10A MAX.

WITHSTANDING VOLTAGE: DC 4000 V

ALTITUDE: UP TO 4500 M

DURABILITY: 20000 CYCLES (UNLOAD)

IP 67 RATED FOR BOX MOUNTING

IP 44 RATED FOR MATING

IP 55 RATED WITH CAP

AMBIENT TEMPERATURE: -40°C~55°C

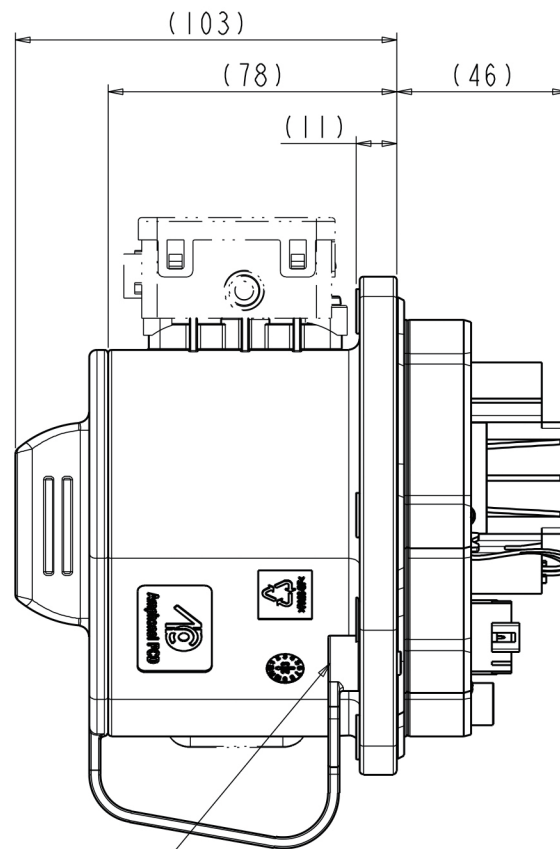
OPERATING TEMPERATURE: 100°C MAX

3. TEMPERATURE MINITORING SENSOR: PT 1000

FOR DC POWER CONTACTS.

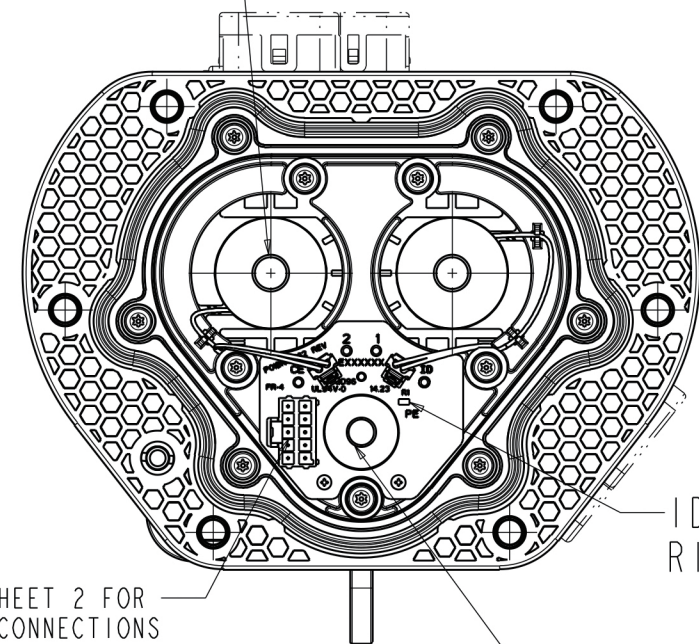
PT1000 MEETS EN 60751 REQUIREMENTS.

4. REFERENCE: IEC TS 63379 IEC 61851-23-3



INTEGRATED CAP FIXED

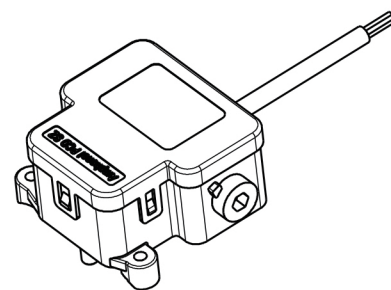
M10x1.5 THREAD
DEEPTH: 10 MIN.
2 PLS



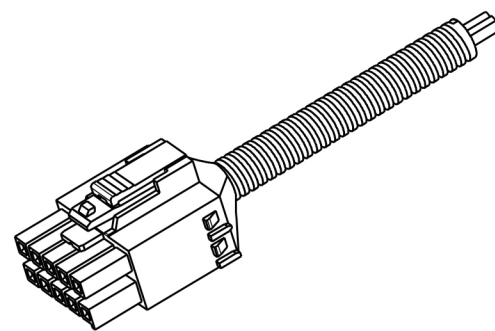
ID&CE
RI=10Kohms

SEE SHEET 2 FOR
DETAIL CONNECTIONS
APPLICABLE SIGNAL
CONNECTOR
MOLEX 172258 10 PINS
OR SEPARATELY ORDER
WIRE HARNESS ASSEMBLY

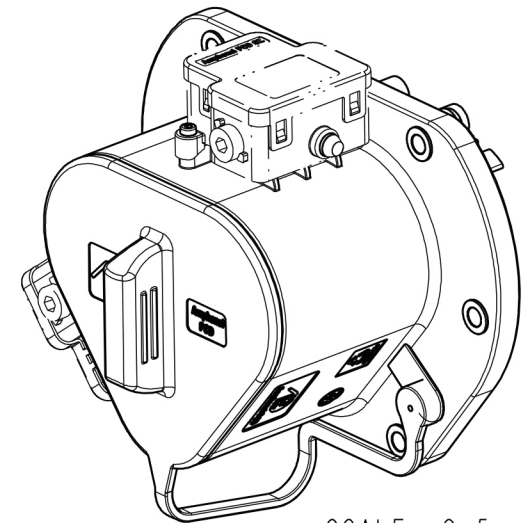
M8x1.25 THREAD
DEEPTH: 10 MIN.



E-LOCK ASSEMBLY
P/N:HVEL12MS001



WIRE HARNESS
P/N:P08B005767



SCALE 2:5

DIMENSIONS	TOLERANCES	PROJECTION	TITLE		
ANSI Y14.5M UNITS: MM Pro/E FILE	X ±0.5 XX ±0.05 ANGLES ±2°		MCS INLET INTEGRATED CAP FRONT BOX MOUNTING ASSEMBLY		
ORIGINAL	THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION WHICH IS THE CONFIDENTIAL PROPERTY OF Amphenol PCD Shenzhen Co. Ltd Amphenol PCD Shenzhen Co. Ltd RESERVES THE RIGHT TO CLARIFY THIS DRAWING	CHKD	SIZE A3	DWG NO. C-HVC04FN103	REV 3
		APPD	SCALE: 1:2 SHEET 1 OF 2		

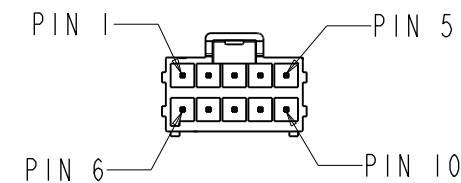
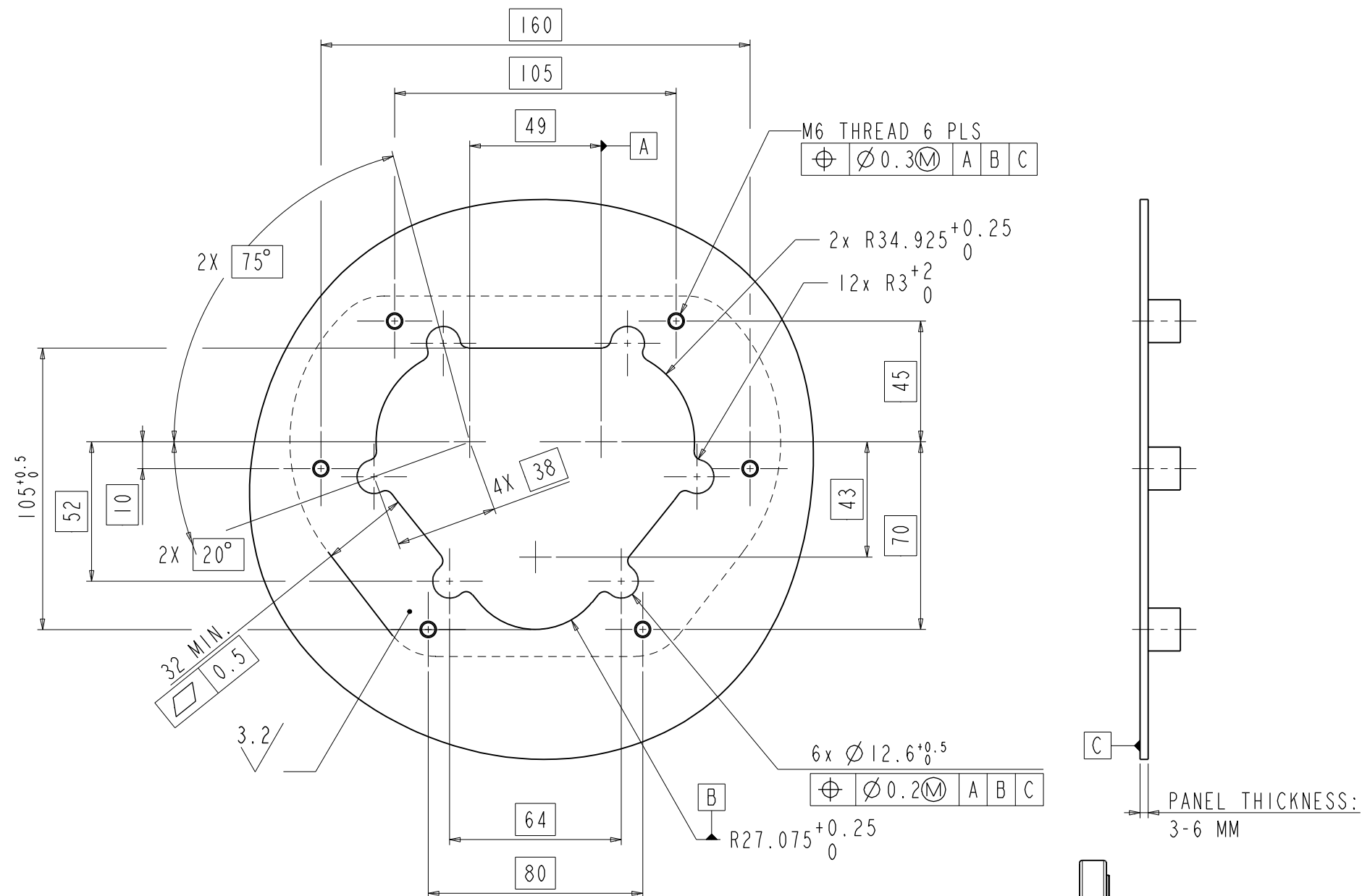
Amphenol PCD Shenzhen

ENGR

May-28-2024

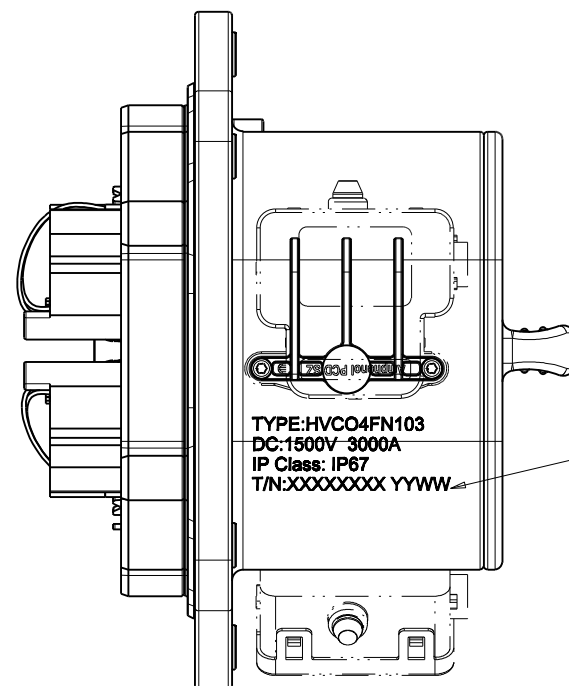
CHKD

APPD



INLET PIN IDENTIFY		SIGNAL CONNECTOR	
$\triangle 2$ CE	-----		1
$\triangle 2$ ID	-----		2
GND: SHIELDING	-----		3
1	-----		4
2	-----		5
DC+ T(+) _{PT1000}	-----		6
DC+ T(-) _{PT1000}	-----		7
GND(PE)	-----		8
DC- T(+) _{PT1000}	-----		9
DC- T(-) _{PT1000}	-----		10

DETAIL CONNECTIONS



T/N: XXXXXXXX YYWW INDICATES THE
WORK ORDER NUMBER
YYWW INDICATES YEAR/WEEK



安费诺精密连接器(深圳)有限公司
Amphenol PCD Shenzhen

受 控 文 件

2024年11月11日

SIZE	DWG NO.	REV
A3	C-HVCO4FN103	3
SCALE: 1:2		SHEET 2 OF 2