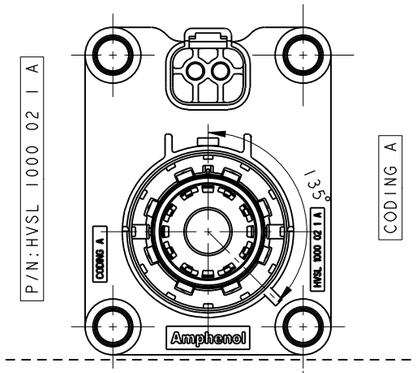
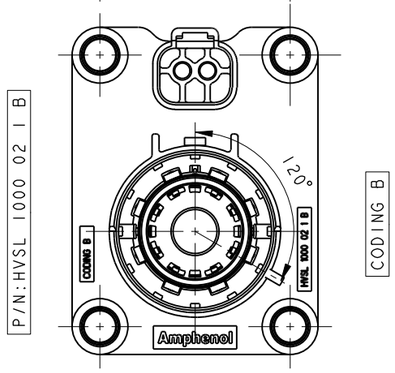
C-HVSL1000021X

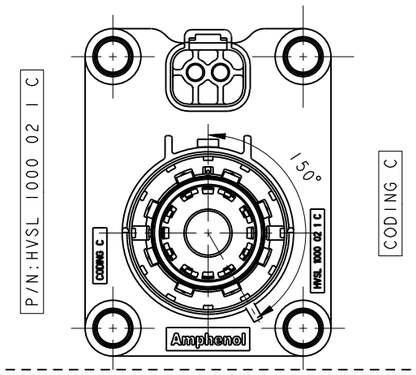
REV	ECN	DESCRIPTION	DATE	MODIFIED
1		PRE-RELEASE	19/03/13	Eric Zhou
2		CHANGED THE POWER CONTACT	23/10/13	Eric Zhou
3		ADD WIRE DIAMETER	15/09/15	Robin Yuan

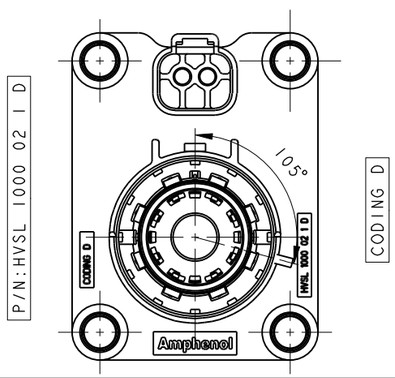
SCALE 4:5

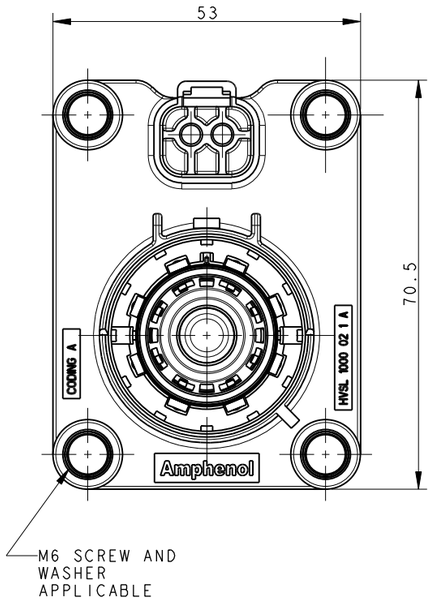
CUSTOMER DRAWING

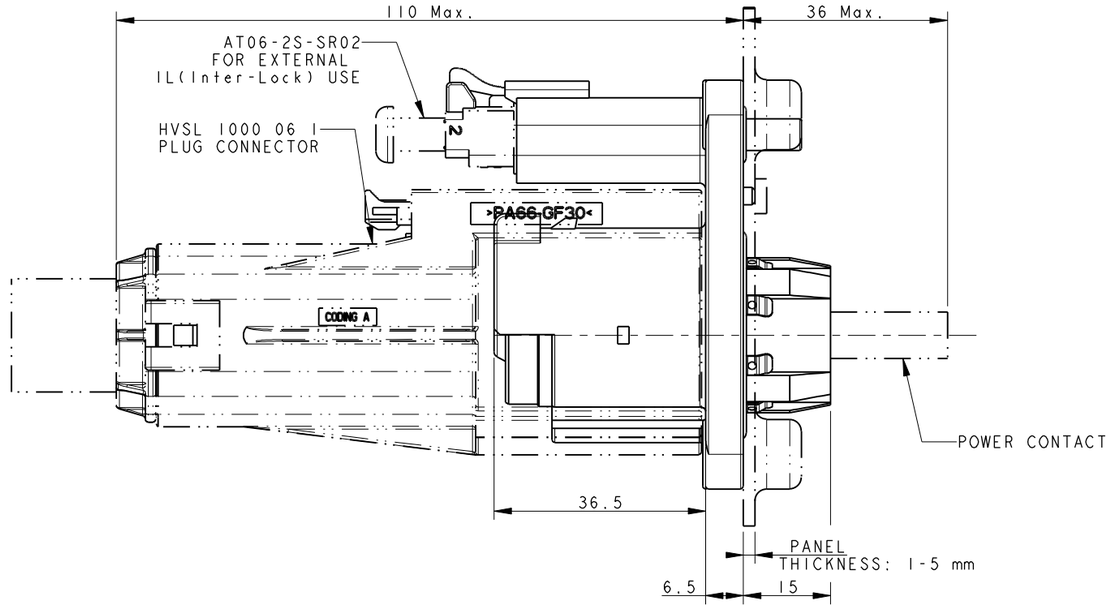


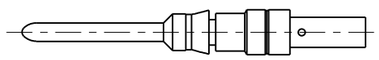




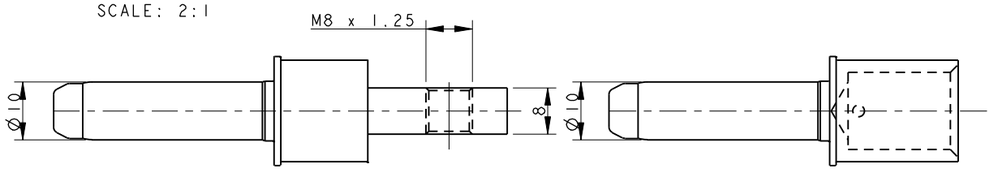








CONTACTS FOR IL(INTER-LOCK) USE
(0.5 mm^2 MAX. WIRE)
P/N: C42000400504G
SCALE: 2:1



POWER CONTACT (THREAD FOR BUS-BAR)
P/N: C42000361S2

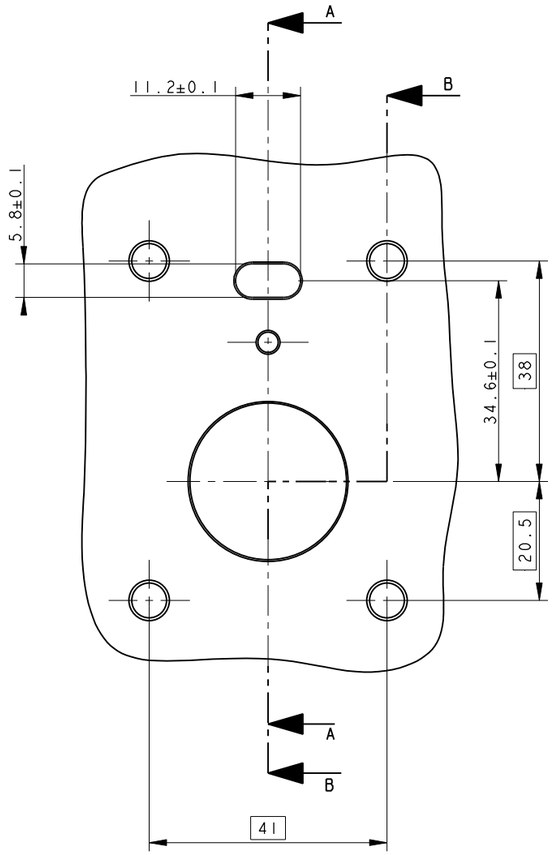
POWER CONTACT (CRIMP FOR WIRE)
P/N: C42000361511 --70 mm^2 WIRE OD=19.0 ± 0.7MM
C42000361512 --50 mm^2 WIRE OD=16.5 ± 0.4MM
C42000361513 --35 mm^2 WIRE OD=14.2 ± 0.4MM
C42000361514 --25 mm^2 WIRE OD=11.9 ± 0.3MM

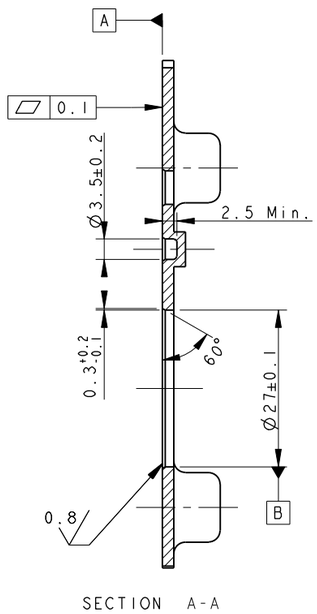
NOTES:

1. MATERIAL & FINISH:
   PLASTIC BODY: THERMOPLASTICS UL 94V-0 ORANGE COLOR
   POWER CONTACT: COPPER ALLOY SILVER PLATED
   IL CONTACTS: COPPER ALLOY GOLD PLATED
   SHIELDING: COPPER ALLOY TIN PLATED
   RING: STAINLESS STELL
   O-RING: SILICONE RUBBER
2. ELECTRONICAL CHARACTERISTICS:
   HIGH VOLTAGE RATED 1000 V DC MAX.
   CURRENT RATED 250 A MAX.
   WITHSTANDING VOLTAGE 3000 V AC
   PRODUCTS ARE COMPLIANCE WITH EN 60664-1 POLLUTION II
3. ENVIROMENT CHARACTERISTICS:
   IP67 IP6K9K RATED (WHEN MATING)
   IP2XB RATED FOR FINGER TOUCH-PROOF
4. DELIVERY WITHOUT CONTACTS. THE CONTACTS SHOULD BE ORDERED SEPARATELY.
5. SEE APCD-TD-049 FOR ASSEMBLY INSTRUCTION AND EXTERNAL HVIL SET-UP.

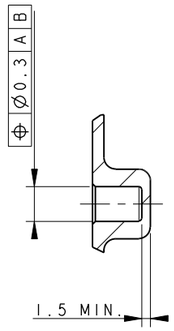
DIMENSIONS	TOLERANCES	PROJECTION		TITLE
ANSI Y14.5M UNITS: MM Pro/E FILE	.X ±0.1 .XX ±0.01 ANGLES ±0.5°		Amphenol Pcd Shenzhen ENGR Robin Yuan 15/09/15	HVSL 1000 02 1 X BOX MOUNTING RECEPTACLE ASSEMBLY
ORIGINAL NOT FOR CUSTOMER DISTRIBUTION	THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION WHICH IS THE CONFIDENTIAL PROPERTY OF AMPHENOL PCD SHENZHEN		CHKD APPD	SIZE A3 · DWG NO. C-HVSL1000021X · REV 3 CODE: 58982 · SCALE: 1:1 · SHEET 1 OF 2

Downloaded from Arrow.com.



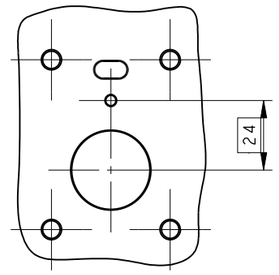


SECTION A-A

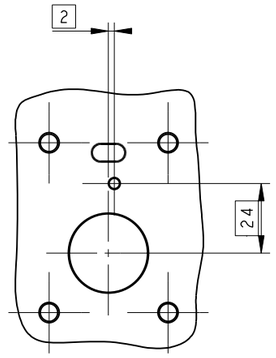


SECTION B-B

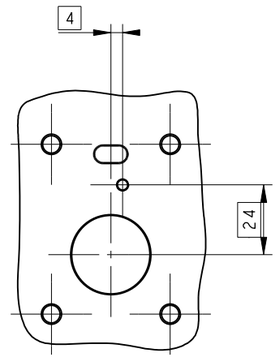
CODING A



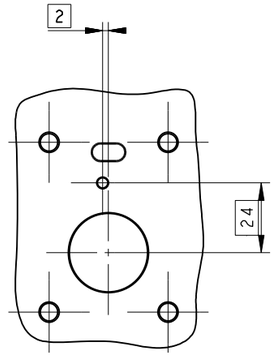
CODING B



CODING C



CODING D



PANEL DRILLING

SIZE	DWG NO.	REV
A3	C-HVSL1000021X	3
CODE: 58982	SCALE: 1:1	SHEET 2 OF 2

C-HVSL1000021X

C-HVSL1000021X

Downloaded from Arrow.com.