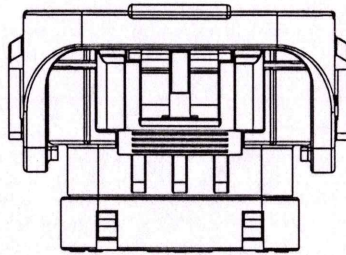
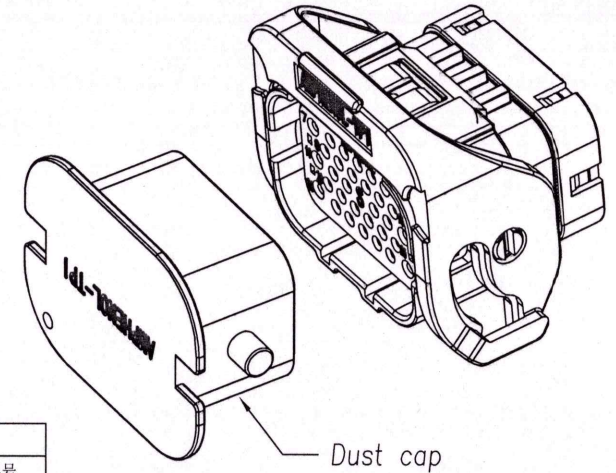
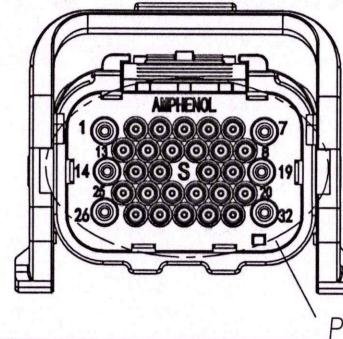
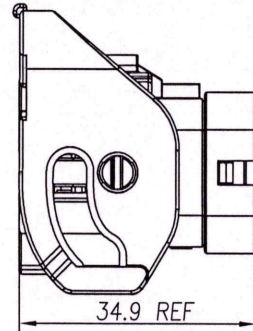
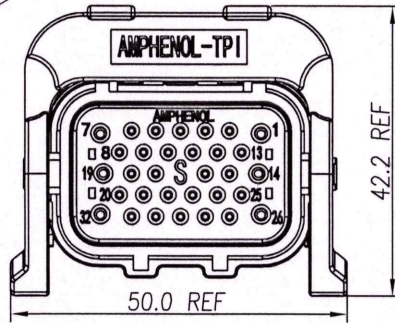


Customer Drawing

Amphenol TPI
2022-06-10
REGISTERED COPY

REVISIONS					
REV	ZONE	ECO	DESCRIPTION	DATE	BY
A	---	---	INITIAL RELEASE	09/25/18	FL
B	---	---	add new applicable terminals	12/25/18	FL
C	---	---	Modify the location and content of 3D printing	02/27/19	FL
D	---	---	Add plating type information of terminal and attention information	05/11/20	JS
E	---	ECN0220404	Add plating type information of terminal	06/09/22	RJ



适用端子型号 Used with terminal NO.						
端子种类 Terminal type	端子料号 Terminal P/N	电镀种类 Plating type	适合电线 Wire range	Wire OD range 电线外径范围	盲堵种类 Seal type	盲堵料号 Seal P/N
16# (Power)	HCTF2140+	镍底镀金 Flash Gold	14~18 AWG	2.24~3.00mm	16# (Power)	AC-CP000383
	HCTF21504	镍底镀锡 Tin Plated				
	HCTF2160+	镍底镀金 Flash Gold				
	HCTF16161	镍底镀金 Flash Gold				
	HCTF16164	镍底镀锡 Tin Plated				
20# (Signal)	HCTF1200+	镍底镀金 Flash Gold	20~22 AWG	1.35~2.50mm	20# (Signal)	AC-CP000382
	HCTF12104	镍底镀锡 Tin Plated				
	HCTF20101	镍底镀金 Flash Gold				
	HCTF20104	镍底镀锡 Tin Plated				

注意: 镀金端子不能与镀锡端子互配。划掉的端子料号2022年10月1日起停产。
Note: The gold-plated terminal cannot be matched with the tin-plated terminal. The terminal material number crossed out will be discontinued from October 1, 2022.

订购信息 Ordering Information

HC18 B - S32 - 2

键位 Key
"B", gray

second generation

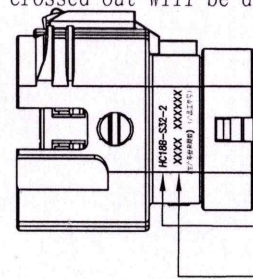
6 X Power

26 X Signal

Detail P
Scale 2:1

规格参数 (Spec.):

- 工作温度 Operating Temperature: -40° C~+125° C.
- 额定电流 Current Rating: Power: 13 A MAX. Signal: 5 A MAX.
- 配对线径 Cable Size:
 - Power: 14~18 AWG.
 - Signal: 20~22 AWG.
- 耐电压 Dielectric Withstanding Voltage: 3000 VDC.
- 防护等级 Protection Class: IP68. (插座对配时 Mated connector)
- 机械寿命 Mating Cycle: 100 Min.
- 对配插头见图纸 Mating plug see drawing: "HC08A-P32R"
- 防火等级 Flame Class: UL94V-0



激光打标位置及内容如下:
HC18B-S32-2
XXXX XXXXXX
(生产年份和周数) (Product Year and Week)

AMPHENOL
TPI

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
1 of 1	A3	E			HC 32CKT Plug Straight Code B(CPA)
日期 DATE	UNLESS OTHERWISE SPECIFIED	DIM NO:			
06/09/22	1) All dimensions are in metric (mm).	HC18B-S32-2			
06/09/22	2) Tolerances are as follows:	CUST PART #:			
06/09/22	0 PL DEC ±1.00	N/A			
06/09/22	1 PL DEC ±0.50	CUST REV.			
06/09/22	2 PL DEC ±0.20	-			

Key
Characteristics
Contact
Amphenol for
Latest
Definition

签名 SIGNATURE
制图 DRAWN
审核 CHECKED
批准 APPROVAL

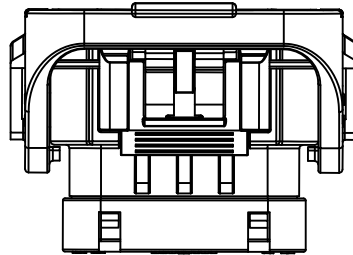
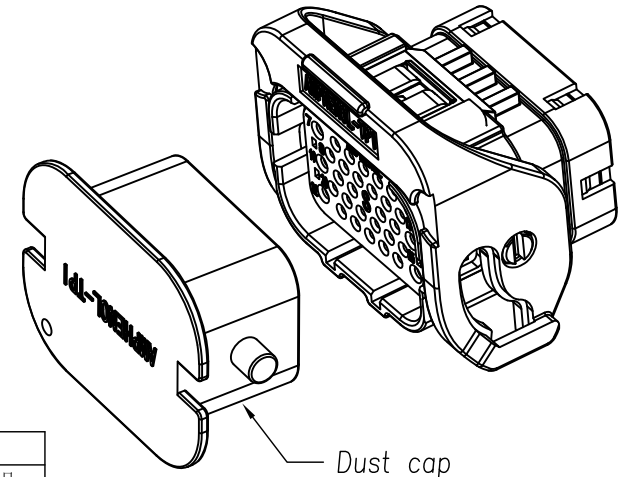
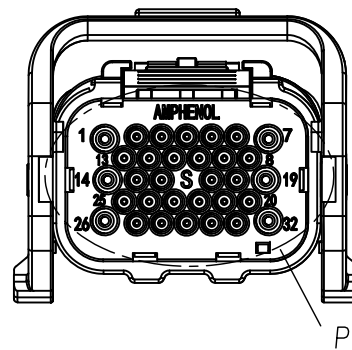
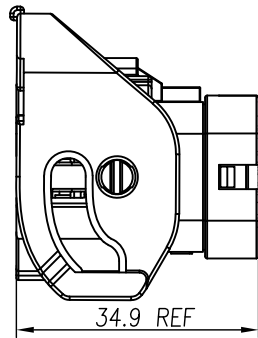
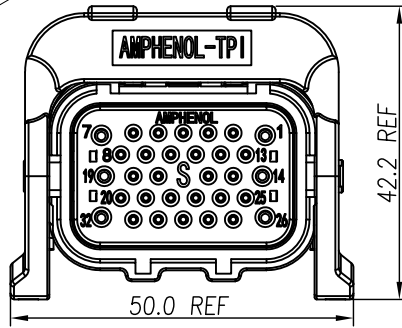
日期 DATE
06/09/22
06/09/22
06/09/22

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

角 1°

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

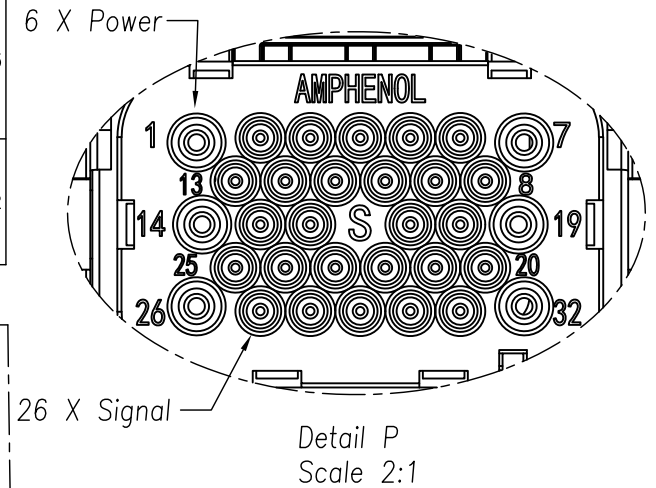


适用端子型号 Used with terminal NO.						
端子种类 Terminal type	端子料号 Terminal P/N	电镀种类  Plating type	适合电线 Wire range	Wire OD range 电线外径范围	盲堵种类 Seal type	盲堵料号 Seal P/N
16# (Power)	HCTF21401	镍底镀金 Flash Gold	14-AWG	2.24~3.00mm	16# (Power)	AC-CP00038
	HCTF21504	镍底镀锡 Tin Plated	16~18 AWG			
	HCTF21601	镍底镀金 Flash Gold				
	HCTF16161 	镍底镀金 Flash Gold				
	HCTF16164 	镍底镀锡 Tin Plated				
20# (Signal)	HCTF12001	镍底镀金 Flash Gold	20~22 AWG	1.35~2.50mm	20# (Signal)	AC-CP00038
	HCTF12104	镍底镀锡 Tin Plated				
	HCTF20101 	镍底镀金 Flash Gold				
	HCTF20104 	镍底镀锡 Tin Plated				

注意: 镀金端子不能与镀锡端子互配。划掉的端子料号2022年10月1日起停产。
Note: The gold-plated terminal cannot be matched with the tin-plated terminal. The terminal material number crossed out will be discontinued from October 1, 2022.

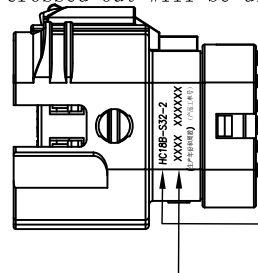
订购信息 Ordering Information

HC18 B - S32 - 2
键位 Key "B", gray
second generation



规格参数 (Spec.):

- 工作温度 Operating Temperature: -40° C~+125° C.
- 额定电流 Current Rating: Power: 13 A MAX. Signal: 5 A MAX.
- 配对线径 Cable Size:
 1. Power: 14~18 AWG.
 2. Signal: 20~22 AWG.
- 耐电压 Dielectric Withstanding Voltage: 3000 VDC.
- 防护等级 Protection Class: IP68. (插座配对时 Mated connector)
- 机械寿命 Mating Cycle: 100 Min.
- 对配插头见图纸 Mating plug see drawing: "HC08A-P32R"
- 防火等级 Flame Class: UL94V-0



激光打标位置及内容如下:
HC18B-S32-2
XXXX XXXXXX
(生产年份和周数) (产品工单号)

AMPHENOL
TP

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:
	1 of 1	A3	E		HC 32CXT Plug Straight Code B(CPA)
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°					DWG NO: HC18B-S32-2
					CUST PART #: N/A
					CUST REV. -

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

签名 SIGNATURE
制图 DRAWN RJ
审核 CHECKED JC
批准 APPROVAL JL

日期 DATE
06/09/22
06/09/22
06/09/22