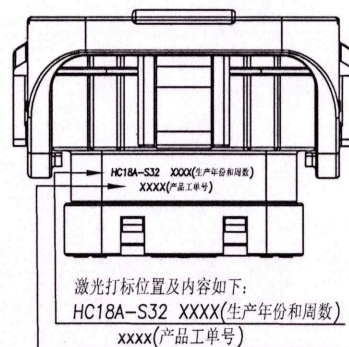
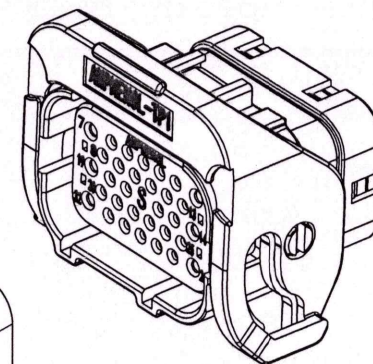
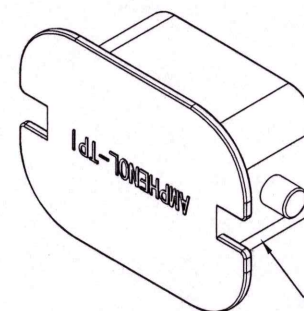
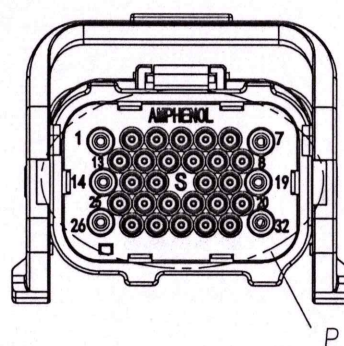
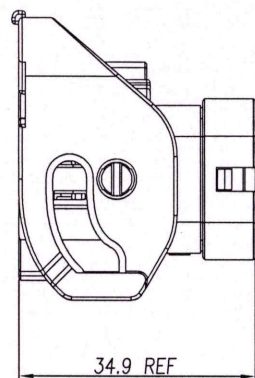
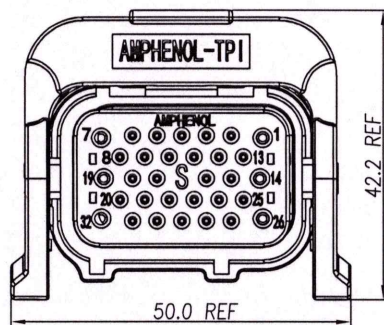


Customer Drawing

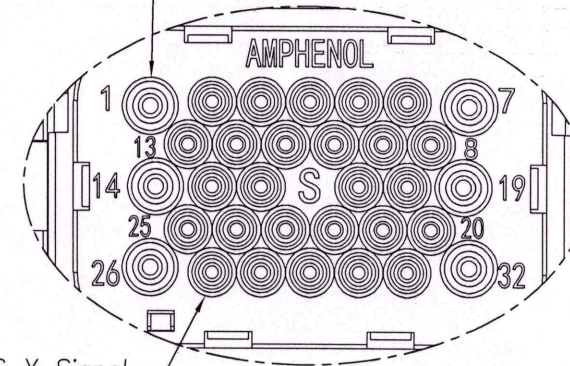
Amphenol TPI
2022-06-10
REGISTERED COPY

REVISIONS					
REV	ZONE	ECO	DESCRIPTION	DATE	BY APPR
B	---	---	Enhance IP Rating and Flame Class, add new applicable terminals	01/22/19	FL JL
C	---	---	Add plating type information of terminal and attention information	04/29/20	JS JL
D	---	ECNG220404	Add plating type information of terminal	06/09/22	RJ JL



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 AWG	2.24~3.00mm	16# (Power)	AC-CP00038
	HCTF21504	镍底镀锡 Tin Plated	16~18 AWG			
	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				
	HCTF12104	镍底镀锡 Tin Plated				
	HCTF20101 	镍底镀金 Flash Gold				
	HCTF20104 	镍底镀锡 Tin Plated				

6 X Power



26 X Signal

Detail P
Scale 2:1

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.

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

订购信息 Ordering Information

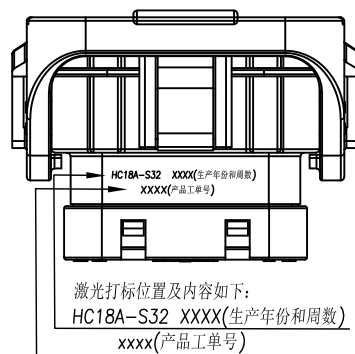
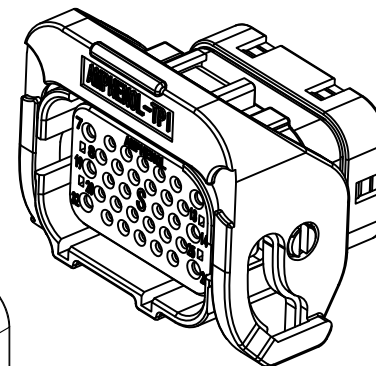
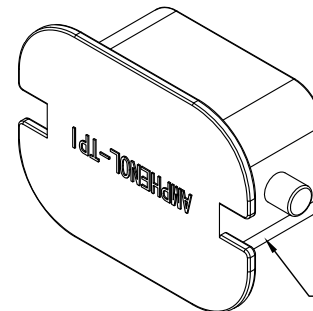
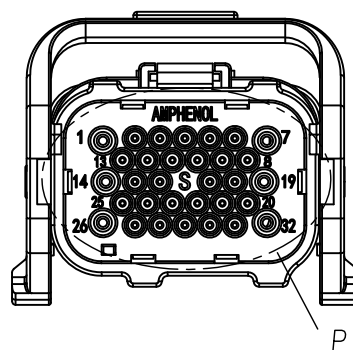
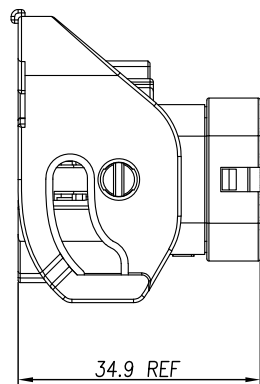
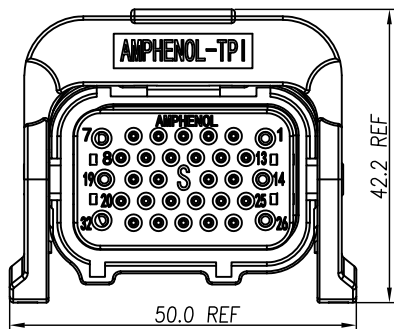
HC18 A - S32

键位 Key
"A" orange

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: HC 32CKT Plug Straight Code A
1 of 1	A3	D	DWG NO.: HC18A-S32		
签名 SIGNATURE 制图 DRAWN 审核 CHECKED 批准 APPROVAL			日期 DATE 06/09/22 0 PL DEC ±1.00 1 PL DEC ±0.50 2 PL DEC ±0.20 Angles ±1°		
Key Characteristics Contact Amphenol for Latest Definition			CURT PART #: N/A		

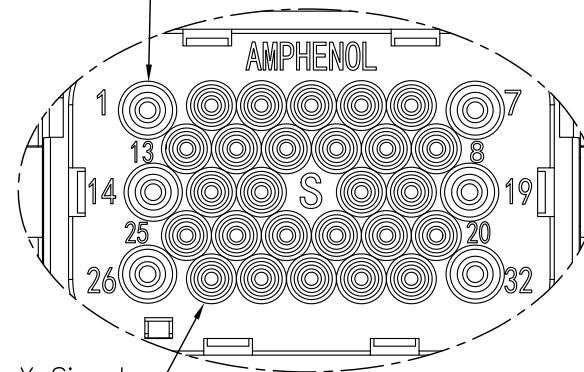
THIS DRAWING IS SUPPLIED FOR INFORMATION ONLY. DESIGN FEATURES, SPECIFICATIONS AND PERFORMANCE DATA SHOWN HEREON ARE THE PROPERTY OF THE AMPHENOL CORPORATION. NO RIGHTS OF REPRODUCTION ARE IMPLIED. ALL DIMENSIONS ARE SUBJECT TO NORMAL MANUFACTURING VARIATIONS.

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	14~18 AWG	2.24~3.00mm	16# (Power)	AC-CP000383
	HCTF21504	镍底镀锡 Tin Plated				
	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-CP000382
	HCTF12104	镍底镀锡 Tin Plated				
	HCTF20101	镍底镀金 Flash Gold				
	HCTF20104	镍底镀锡 Tin Plated				

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. (插座配对时 Mated connector)
- 机械寿命 Mating Cycle: 100 Min.
- 配对插头见图纸 Mating plug see drawing: "HC08A-P32R"
- 防火等级 Flame Class: UL94V-0

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.

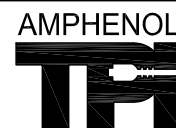
The terminal material number crossed out will be discontinued from October 1, 2022.

订购信息 Ordering Information

HC18 A - S32

键位 Key
"A" orange

Key Characteristics
Amphenol for Latest Definition



签名 SIGNATURE
制图 DRAWN RJ
审核 CHECKED JC
批准 APPROVAL JL

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	D		HC 32CKT Plug Straight Code A
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: HC18A-S32
					CUST PART #: N/A
					CUST REV. -