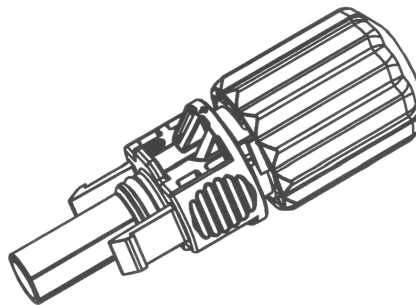
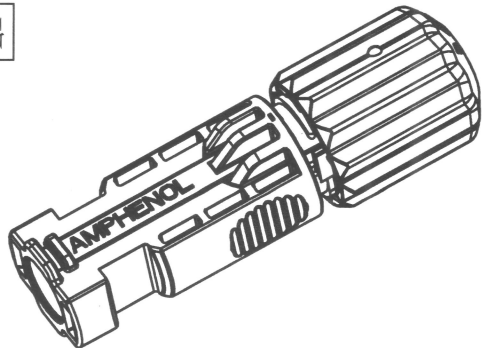


ECN NO:ATS-CH202311004

CUSTOMER DRAWING



Mars
Chen

REVISION		
LTR	DESCRIPTION	DATE
A	INITIAL RELEASE	2021-08-09
B	UPDATE THE HW P/N	2022-11-30
C	UPDATE RATED CURRENT	2023-10-26

- IT IS FORBIDDEN TO MATING WITH OTHER BRAND CONNECTOR.
- THE RATED CURRENT IS ONLY FOR LABORATORY TEST, SUGGEST CUSTOMER USING DOUBLE 1.25 SAFETY FACTOR FOR FIELD USING.
- PLEASE BE AWARE THAT THE 3rd PARTY LABORATORY TEST JUST AS A REFERENCE FOR APPLICATION DESIGN. IT'S CUSTOMER'S RESPONSIBILITY TO VALIDATE SYSTEM FUNCTION AND CONNECTOR DURABILITY AT SPECIFIC APPLICATION AND EXTREME ENVIRONMENT CONDITIONS. WE RECOMMEND CUSTOMER TO CONSIDER MARGIN IN APPLICATION DESIGN TO AVOID OVER HEAT IN HIGH CURRENT SITUATION.

HW P/N	ORDER P/N
14192235	HH4SFD4TMS
14192236	HH4SMD4TMS

1. SPECIFICATION

SPECIFICATION		
CONTACT SIZE	4mm ² /12AWG	6mm ² /10AWG
APPROVALS	IEC 62852	
RATED CURRENT (IEC 62852)	41A@85°C	45A@85°C
RATED SYSTEM VOLTAGE	1500V	
CONTACT RESISTANCE	0.25mΩ TYP. FOR S&F TERMINAL	
DEGREE OF PROTECTION	IP68(1m,24h)	
PIN CONTACT MATERIAL	COPPER, TIN PLATED	
INSULATION	THERMOPLASTIC	
AMBIENT TEMPERATURE	-40° TO +85°	
STRIP LENGTH	7.0mm	
CABLE JACKET DIAMETER	FROM 5.0mm TO 7.8mm	



ORDER P/N IN SYSTEM

HH4SFD4TMS

F: FEMALE END

M: MALE END

NOTES:

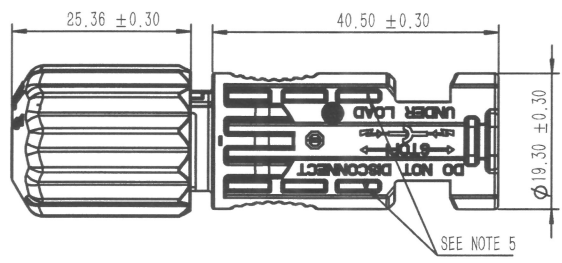
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UNLESS OTHERWISE SPECIFIED		SPECIFICATIONS	POS	QTY	PART NUMBER	DESCRIPTION	NOTE
LINEAR DIMENSIONS ARE IN: MILLIMETERS TOLERANCES: ANGLES= ±2° DEFAULT LINEAR TOLERANCES SEE TABLE		MATERIAL SPEC.	APPROVALS		DATE	PARTS LIST	
		N/A	Johnny Wang		2020-04-17	Amphenol Technology (ShenZhen) Co., Ltd. Building C, 2nd Industrial Zone of Xia Shi Jia, Jiangshi Community, Gongming Sub-district, Guangming New District, Shenzhen, PRC	
			THIRD ANGLE PROJECTION			H4 PLUS CABLE CONNECTOR CUSTOMER DRAWING FOR HUAWEI	
			N/A			DOCUMENT NO: HH4S()D4TMS	
DIM & TOL PER ASME Y14.5M-1994; DRM PER MIL-DTL-31000; OTHER AMPHENOL STANDARDS: 9-9318						SCALE:1.0	
						SHEET 1 OF 2	

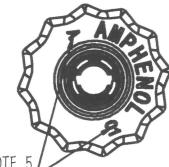
FCN NO: ATS-CH202311004



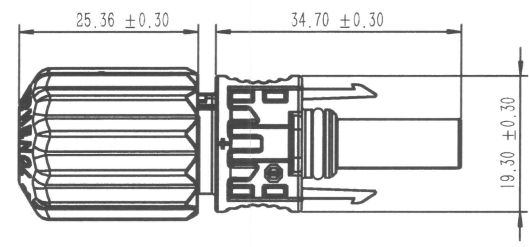
SEE NOTE 5



MALE END BODY

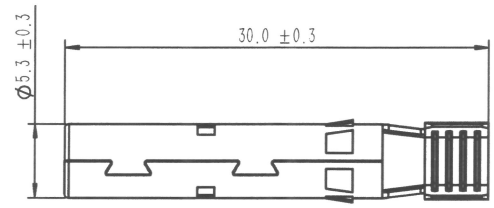
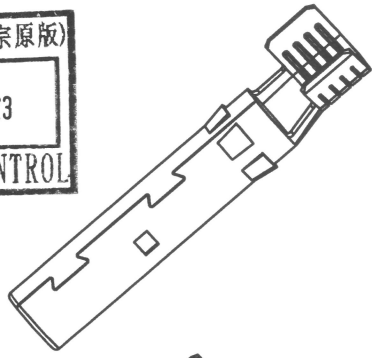


SEE NOTE 5

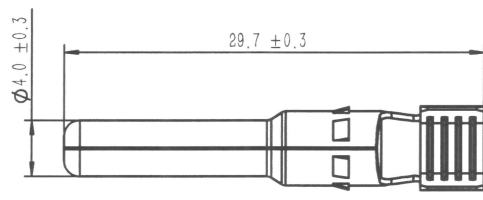
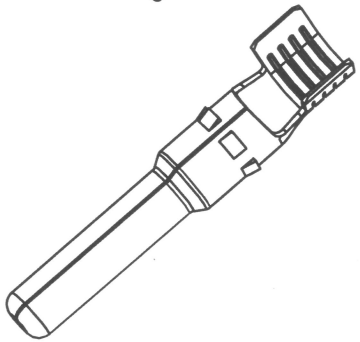
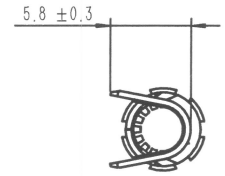


FEMALE END BODY

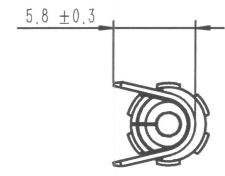
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1 6 NOV 2023
DOCUMENT CONTROL



SOCKET



PIN



5. THE MARK OF LETTERS JUST THE VERSION OF THE PLASTIC PARTS FOR AMPHENOL'S MANUFACTURE PROCEDURE, WHEN THE CUSTOMER INSPECT THE PRODUCT, THEY CAN IGNORE THESE NUMBERS.

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DOCUMENT NO.	HH4S(I)D4TMS	REV.	C
SCALE: 1:0		SHEET 2 OF 2	