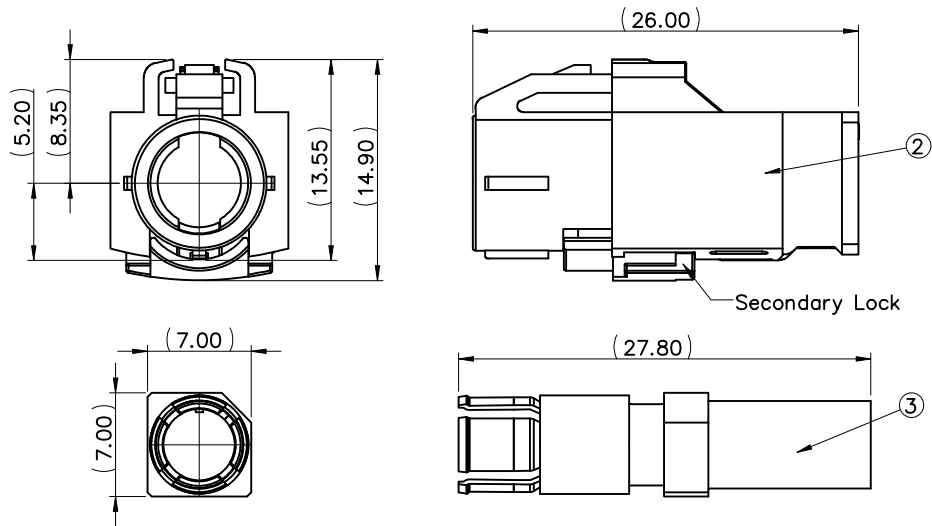


APPROVED: _____

DATE: _____ TITLE: _____



SPECIFICATIONS:

Material:

Insulator: PBT, rated UL 94V-0

Contacts: Phosphor Bronze

Contact Sleeve: Phosphor Bronze

Outer Contacts: Brass

Plating:

6u" Gold over Nickel underplate on contact area,

Tin over Copper underplate on solder tails

Electrical:

Impedance, differential mode: 100 ohms differential signalling, for one pair or quad cable shielded

Frequency: DC to 2.0 GHz

Return loss: ≥ 20 dB to 1.0GHz

≥ 17 dB to 2.0GHz

Insertion loss: ≤ 0.1 dB @ 1.0GHz

Insulation resistance: 1,000 Mohms min

Signal contact resistance: 10 Mohms max

Mechanical:

Mating Cycles: ≥ 25 Cycles

Engagement force: ≤ 30 N

Disengagement force: ≥ 5 N

Retention force latch: ≥ 110 N

Coding efficiency: ≥ 80 N

Temperature Rating:

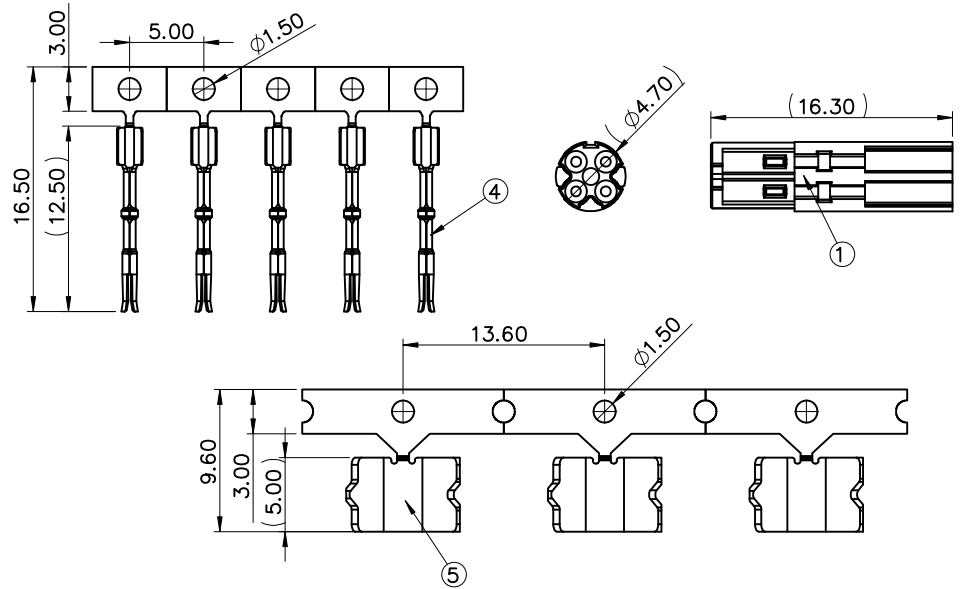
-40°C to +105°C

Environmental:

Lead free, RoHS compliant



Rev	AWO #	Description	Date	Appr
-		RELEASED	11/20/19	
A		UPDATE DRAWING	6/11/20	AY/RC
B		ADDED PACKING	11/9/20	OW/RC
C		UPDATE TITLE	4/19/22	LH/TW
D		UPDATE DRAWING	7/30/25	LH/AC1



MATERIALS AND FINISHES				
Item	Part Name	Material	Finishes	Qty
1	Inner Housing	PBT	White	1
2	Shroud with TPA	PBT	See Table	1
2-1	Coding Housing			
2-2	Secondary Lock			
3	Shell Sub- Assembly	Brass & Phospor Bronze	50u"~200u" Nickel	1
3-1	Machining Shell			
3-2	Front Spring			
4	Center Contact	Corrosion Copper	Contact Area: 6u" Gold Solder Area: 40u"~150U Tin	4
5	Cable Clip	Brass	100u"~200u" Tin	1

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE MILLIMETERS. TOLERANCES: EXCEPT AS NOTED

X.	± 0.50	ANGLE $\pm 5^\circ$
MM .X	± 0.30	
.XX	± 0.20	

DRAWN	OW	7/30/25
CHECKED	AC	7/30/25
APPROVED		

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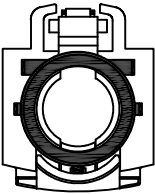
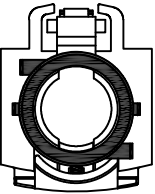
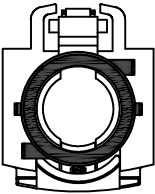
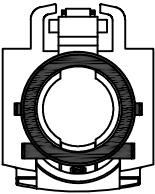
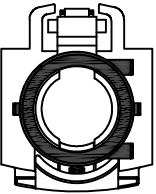
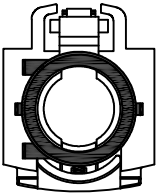
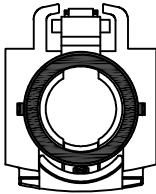
TITLE
**HSD FAKRA CRIMP TERMINAL TYPE SOCKET
WITH 4P CRIMP HOUSING**

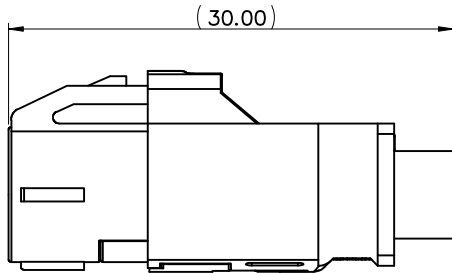
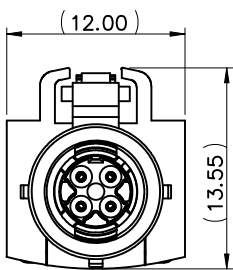
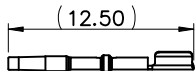
SIZE X	PART NO. HSD-04X-S-SD-SG-C4	REV. D
REF: S00013T	SCALE: NTS	SHEET 1 OF 3

APPROVED: _____

DATE: _____ TITLE: _____

Rev	AWO #	Description	Date	Appr
SEE SHT 1 OF 3 FOR REVISION				

Coding	A	B	C	D	E	F	Z
Plug							
Colour	black	white	blue	bordeaux	green	brown	waterblue
Part NO.	HSD-04A-S-SD-SG-C4	HSD-04B-S-SD-SG-C4	HSD-04C-S-SD-SG-C4	HSD-04D-S-SD-SG-C4	HSD-04E-S-SD-SG-C4	HSD-04F-S-SD-SG-C4	HSD-04Z-S-SD-SG-C4

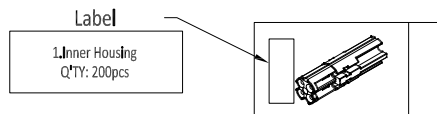


UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE MILLIMETERS. TOLERANCES: EXCEPT AS NOTED			ADAM TECH		909 Rahway Avenue, Union, NJ 07083 Phone: 908-687-5000 adam-tech.com			
X.	± 0.50	ANGLE ± 5°						
MM .X	± 0.30							
.XX	± 0.20							
DRAWN	OW	7/30/25	TITLE HSD FAKRA CRIMP TERMINAL TYPE SOCKET WITH 4P CRIMP HOUSING					
CHECKED	AC	7/30/25						
APPROVED								
CONFIDENTIAL AND PROPRIETARY This document contains confidential and proprietary Information of Adam Tech. It is provided for design and reference purposes only. Reproduction, distribution, or disclosure to any third party is strictly prohibited without prior written consent. Adam Tech retains all rights, including international intellectual property rights.			SIZE X		PART NO. HSD-04X-S-SD-SG-C4		REV. D	
REF: S00013T			SCALE: NTS		SHEET 2 OF 3			

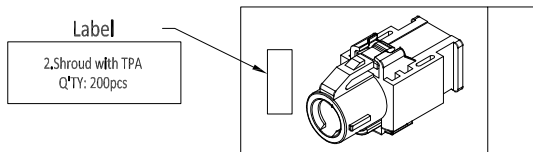
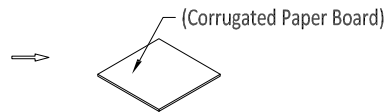
APPROVED: _____

DATE: _____ TITLE: _____

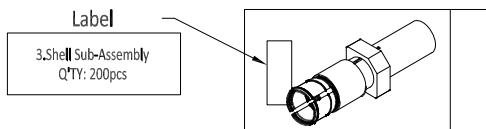
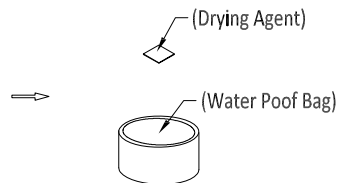
Rev	AWO #	Description	Date	Appr
SEE SHT 1 OF 3 FOR REVISION				



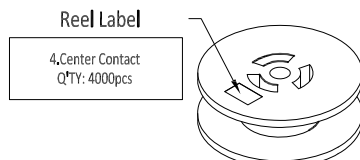
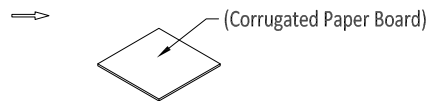
ITEM5
200pcs Per PE Bag x 5



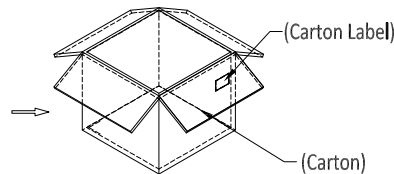
ITEM4
200pcs Per PE Bag x 5



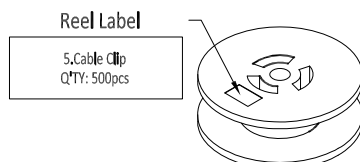
ITEM3
200pcs Per PE Bag x 5



ITEM2
4000pcs Per Reel x 1



1000 Set Per Outer Carton Box
350x350x300



ITEM1
500pcs Per Reel x 2

ITEM1	500 Pcs/Reel	1000 Pcs/Carton
ITEM2	400 Pcs/Reel	4000 Pcs/Carton
ITEM3	200 Pcs/Bag	1000 Pcs/Carton
ITEM4	200 Pcs/Bag	1000 Pcs/Carton
ITEM5	200 Pcs/Bag	1000 Pcs/Carton
ITEM	Q'TY	TOTAL

Carton	350x350x300mm	1 PC
Corrugated Paper Board	330x330mm	2 PCS
Waterproof Bag	600x600mm	1 PC
Drying Agent	2g	4 PCS/Carton
ITEM	DIMENSION	Q'TY
DETAILED ITEM		

1. MATERIALS: Box
2. PACKING : 1000 PCS/CARTON
4. RoHS
All Material in According With The
RoHS Environment
Related Substances List Control

PACKAGING PROCESS:

1. Fill in a corrugated paper board.
2. Put products into water proof bag, with 4pcs of drying agent.
3. Make all reel label side up.
4. Cover with corrugated paper board.
5. As the indication sticking the label at the certain place of carton.

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X.	± 0.50	
MM .X	± 0.30	ANGLE ± 5°
.XX	± 0.20	

DRAWN	OW	7/30/25
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TITLE
**HSD FAKRA CRIMP TERMINAL TYPE SOCKET
WITH 4P CRIMP HOUSING**

SIZE X	PART NO. HSD-04X-S-SD-SG-C4	REV. D
REF: S00013T	SCALE: NTS	SHEET 3 OF 3