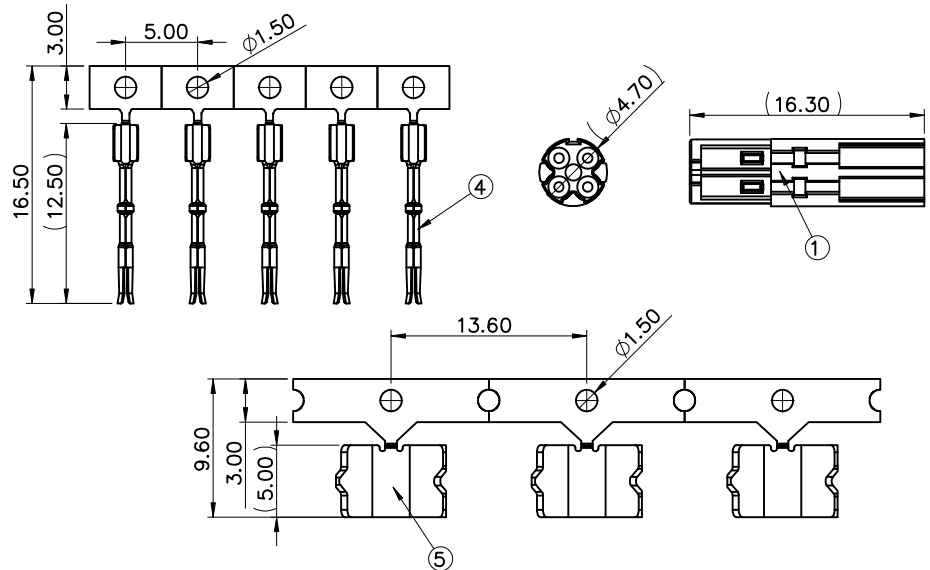
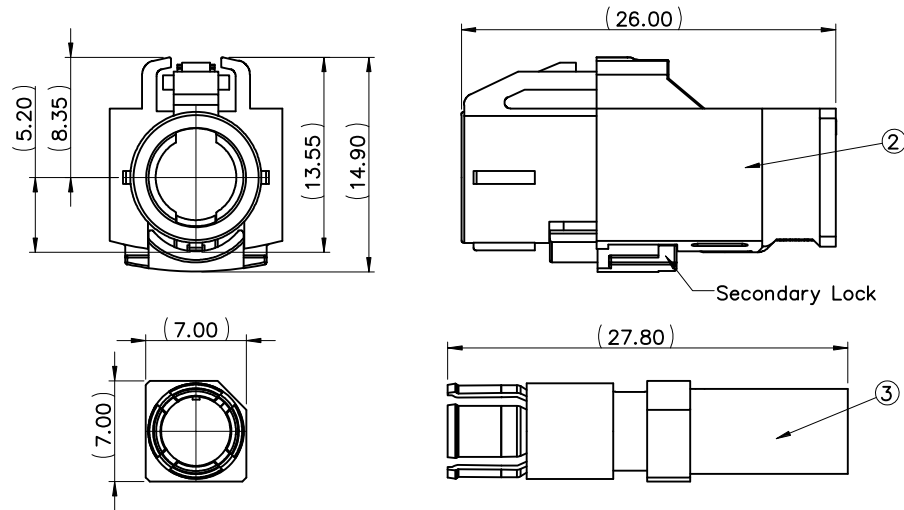


APPROVED: _____
DATE: _____ TITLE: _____

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



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



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

APPROVALS		DATE
DRAWN	OW	11/20/19
CHECKED	AC	11/20/19
APPROVED		

ADAM
TECH

909 Rahway Avenue,
Union, NJ 07083
Phone: 908-687-5000
Fax: 908-687-5710

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

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

6

5

4

3

2

1

APPROVED: _____

DATE: _____ TITLE: _____

Rev

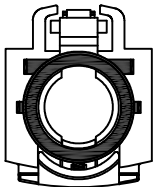
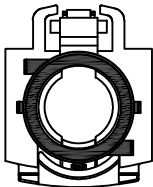
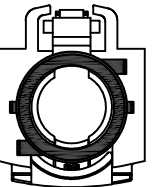
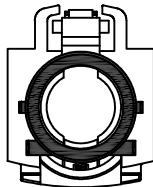
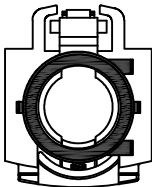
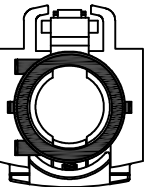
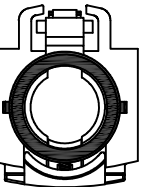
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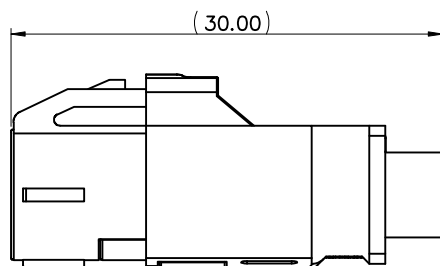
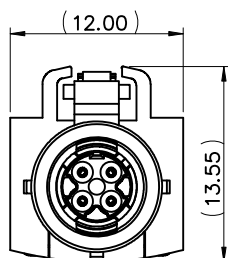
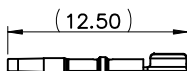
Description

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

APPROVALS

DATE

DRAWN

OW

11/20/19

CHECKED

AC

11/20/19

APPROVED

ADAM
TECH

909 Rahway Avenue,
Union, NJ 07083
Phone: 908-687-5000
Fax: 908-687-5710

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

SIZE
X

PART NO.

HSD-04X-S-SD-SG-C4

REV.
C

REF: S00013T

SCALE: NTS

SHEET 2 OF 3

6

5

4

3

2

1

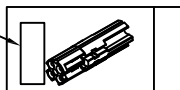
APPROVED: _____

DATE: _____ TITLE: _____

Rev AWO # Description Date Appr

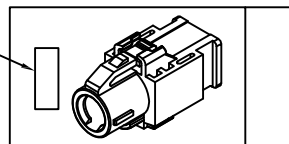
SEE SHT 1 OF 3 FOR REVISION

Label

1.Inner Housing
Q'TY: 200pcs

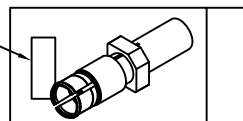
200pcs Per PE Bag x 5

Label

2.Shroud with TPA
Q'TY: 200pcs

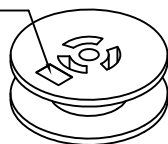
200pcs Per PE Bag x 5

Label

3.Shell Sub-Assembly
Q'TY: 200pcs

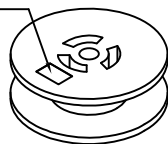
200pcs Per PE Bag x 5

Reel Label

4.Center Contact
Q'TY: 4000pcs

4000pcs Per Reel x 1

Reel Label

5.Cable Clip
Q'TY: 500pcs

500pcs Per Reel x 2

Corrugated Paper Board



Drying Agent



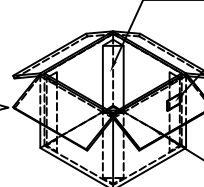
Water Poof Bag



Corrugated Paper Board



Triangle Cylinder Cardboard



Carton Label

Carton

1000 Set Per Outer Carton Box
350x350x300

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

NOTES

1. MATERIALS: Box
 2. PACKING : 1000 PCS/CARTON
- All Material in According With The
RoHs Environment
Related Substances List Controlld

Items	Qty	Total
1	200pcs/Bag	1000pcs/Carton
2	200pcs/Bag	1000pcs/Carton
3	200pcs/Bag	1000pcs/Carton
4	4000pcs/Reel	4000pcs/Carton
5	500pcs/Reel	1000pcs/Carton
Detailed Items		
Items	Dimension	Amount
Carton	350x350x300mm	1 pcs
Corrugated paper board	330x330mm	2 pcs
Triangle cylinder cardboard		4 pcs/Carton
Water proof bag	600x600mm	1 pcs
Drying agent	2g	4 pcs/Carton
Paper tray	ø 350mm	3 pcs
Styrofoam	HxD (20x200)mm	4 pcs

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

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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.

C

REF: S00013T

SCALE: NTS

SHEET 3 OF 3

6

5

4

3

2

1

Mouser Electronics

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[C4](#) [HSD-04D-S-SD-SG-C4](#) [HSD-04F-S-SD-SG-C4](#)