

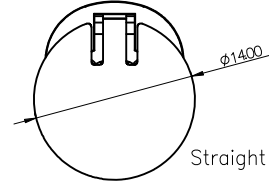
APPROVED: _____
DATE: _____ TITLE: _____

Rev	AWO #	Description	Date	Appr
-		RELEASED	4/10/19	

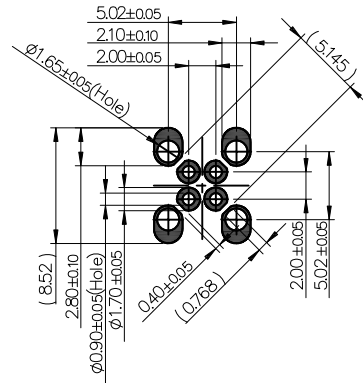
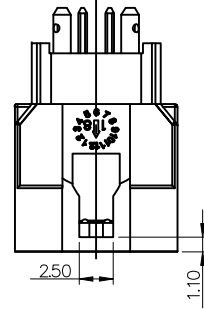
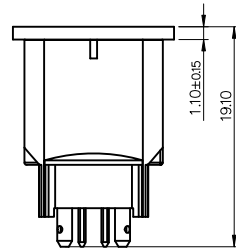
HSD-04X-S-PT-SG-C1-T/R

CODINGS 1:1

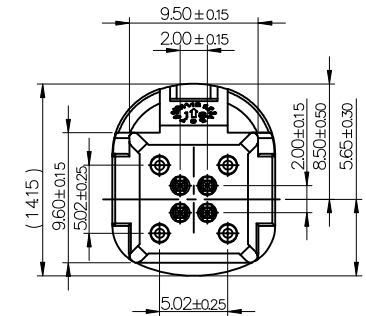
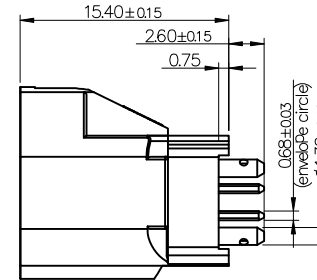
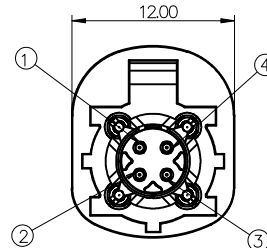
Coding	A	B	C	D	E	F	Z
Plug							
Colour	black	white	blue	bordeaux	green	brown	waterblue



Straight Plug With Cap



RECOMMENDED PCB LAYOUT



SPECIFICATIONS:

Material:

Insulator: PA

Contacts: Brass

Outer Contacts: Brass

Contact Plating:

Contact area: Selective Gold Plated

Solder tails area: Tin Plated (Lead free)

Electrical:

Impedance, differentail mode: 100 Ω differentail signalling,
for one pair or quad cable shielded

Frequency: DC to 2.0 GHz

Return loss: ≥ 20 dB to 1.0 GHz
 ≥ 17 dB to 2.0 GHz

Insertion loss: 0.1 dB @ 1.0 GHz

Insulation resistance: 1000 M Ω

Signal contact resistance: 10 m Ω

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



PACKAGED ON TAPE & REEL

UNLESS OTHERWISE SPECIFIED
ALL DIMENSIONS ARE MILLIMETERS
TOLERANCES: EXCEPT AS NOTED
ANG, $\pm 5^\circ$
0. ± 0.50
.0 ± 0.30
.00 ± 0.20

APPROVALS		DATE
DRAWN	LH	4/10/19
CHECKED	AC	4/10/19
APPROVED		

ADAM
TECH
INTERCONNECTS

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

TITLE			
HSD FAKRA STRAIGHT PLUG			
SIZE X	PART NO. HSD-04X-S-PT-SG-C1-T/R	REV. -	
REF: S00013T	SCALE: NTS	SHEET 1 OF 1	

Mouser Electronics

Authorized Distributor

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[Adam Tech:](#)

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