

APPROVED: \_\_\_\_\_

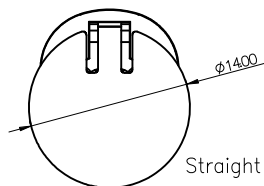
DATE: \_\_\_\_\_ TITLE: \_\_\_\_\_

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

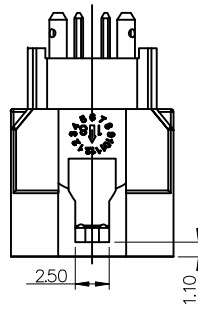
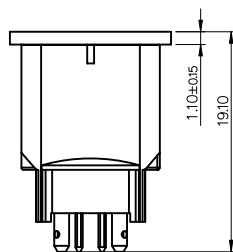
HSD-04X-S-PT-SG-C1-T/R

CODINGS 1:1

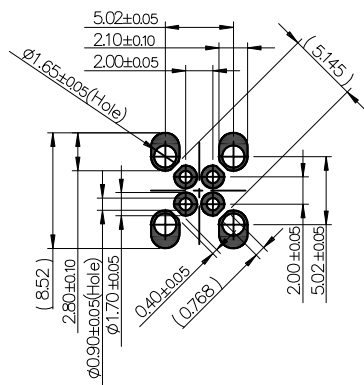
Coding	A	B	C	D	E	F	Z
Plug							
Colour	black	white	blue	bordeaux	green	brown	waterblue



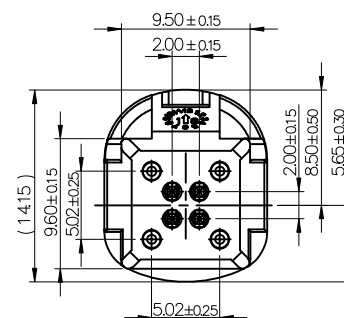
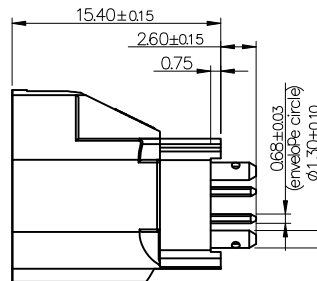
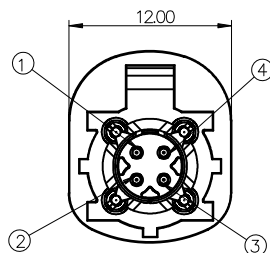
Straight Plug With Cap



1.10



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 MΩ  
 Signal contact resistance: 10 mΩ

Mechanical:  
 Mating cycles: ≥ 25 Cycles  
 Engagement force: ≤ 30N  
 Disengagement force: ≥ 5N  
 Retention force latch: ≥ 110 N  
 Coding efficiency: ≥ 80N

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, ±5° 0. ±0.50 .0 ±0.30 .00 ±0.20		<b>ADAM TECH</b> INTERCONNECTS		909 Rahway Avenue, Union, NJ 07083 Phone: 908-687-5000 Fax: 908-687-5710	
APPROVALS		DATE		TITLE	
DRAWN	LH	4/10/19		HSD FAKRA STRAIGHT PLUG	
CHECKED	AC	4/10/19		SIZE	PART NO.
APPROVED				X	HSD-04X-S-PT-SG-C1-T/R
REF: S00013T		SCALE: NTS		REV. -	
		SHEET 1 OF 1			