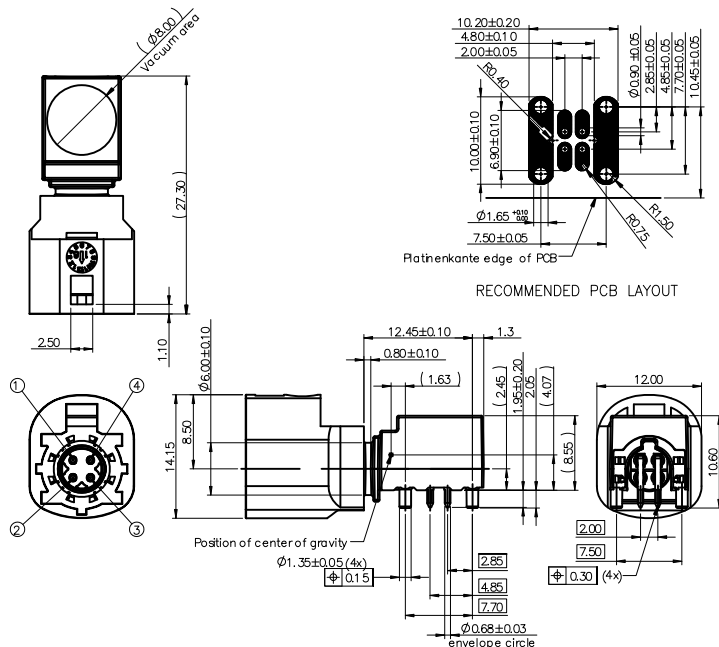


DATE: _____ TITLE: _____

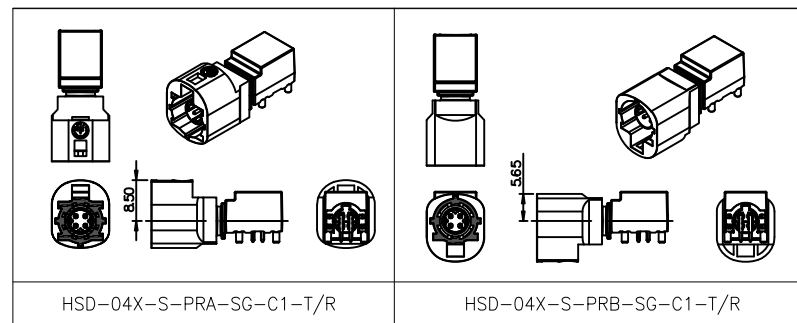


Material:
Insulator: PA
Contacts: Brass
Outer Contacts: Zinc Alloy
Contact Plating:

Contact area: 6u” Selective Gold Plated
Solder tails area: Tin Plated (Lead Free)
Underplate: Matte Tin over Nickel underplate overall
Electrical:
Impedance,differential mode: 100 Ω differential 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 min
Signal contact resistance: 10 Ω 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	4/18/19	
A		UPDATE DRAWING	2/18/20	LH/AC
B		UPDATE DRAWING	4/20/20	LH/AC



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

Coding	A	B	C	D	E	F	Z
Plug							
Color	Black	White	Blue	Bordeaux	Green	Brown	Water Blue

Coding	G	H	J	K	L	M	O
Plug							
Color	Blue Grey	Heather Violet	Beige	Curry	Yellow Green	Pastel Orange	Light Green

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

Coding	A Reverse	B Reverse	C Reverse	D Reverse
Plug				
Color	Black	White	Blue	Bordeaux

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		 909 Rahway Avenue, Union, NJ 07083 Phone: 908-687-5000 Fax: 908-687-5710	
APPROVALS		DATE	
DRAWN	LH	4/18/19	
CHECKED	AC	4/18/19	
APPROVED			

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

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Adam Tech:](#)

<u>HSD-04D-S-PRB-SG-C1-TR</u>	<u>HSD-04C-S-PRB-SG-C1-TR</u>	<u>HSD-04J-S-PRA-SG-C1-TR</u>	<u>HSD-04L-S-PRA-SG-C1-TR</u>
<u>HSD-04K-S-PRA-SG-C1-TR</u>	<u>HSD-04D-S-PRA-SG-C1-TR</u>	<u>HSD-04A-S-PRB-SG-C1-TR</u>	<u>HSD-04E-S-PRA-SG-C1-TR</u>
<u>HSD-04A-S-PRA-SG-C1-TR</u>	<u>HSD-04F-S-PRA-SG-C1-TR</u>	<u>HSD-04O-S-PRA-SG-C1-TR</u>	<u>HSD-04B-S-PRA-SG-C1-TR</u>
<u>HSD-04G-S-PRA-SG-C1-TR</u>	<u>HSD-04Z-S-PRA-SG-C1-TR</u>	<u>HSD-04C-S-PRA-SG-C1-TR</u>	<u>HSD-04M-S-PRA-SG-C1-TR</u>
<u>HSD-04B-S-PRB-SG-C1-TR</u>	<u>HSD-04H-S-PRA-SG-C1-TR</u>		