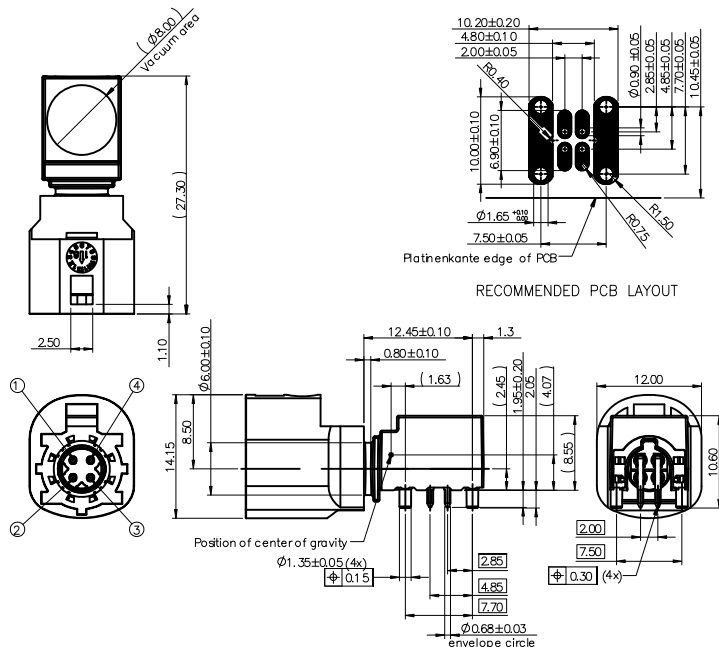


DATE: _____ TITLE: _____



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: $\leq 30\text{N}$
Disengagement force: $\geq 5\text{N}$
Retention force latch: $\geq 110\text{N}$
Coding efficiency: $\geq 80\text{N}$

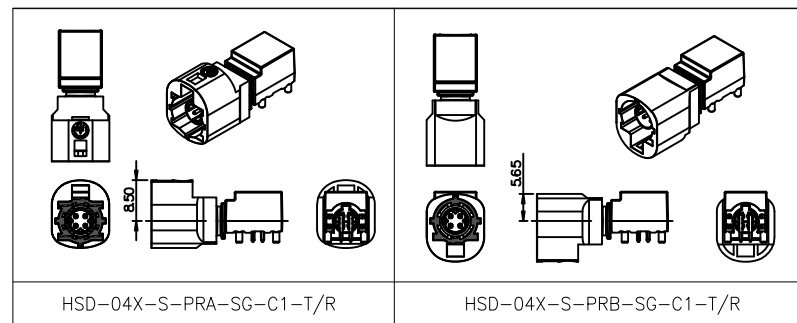
Temperature Rating:
-40°C to +105°C

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



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

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

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

ANG.	±5°
0.	±0.50
.0	±0.30
.00	±0.20

ADAM
TECH
INTERCONNECTS

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

TITLE

HSD FAKRA RIGHT ANGLE PLUG

APPROVALS		DATE	HSD FAKRA RIGHT ANGLE PLUG			
DRAWN	LH	4/18/19				
CHECKED	AC	4/18/19	SIZE X	PART NO. HSD-04X-S-PRX-SG-C1-T/R		REV B
APPROVED			REF: S00013T	SCALE: NTS	SHEET 1 OF 1	