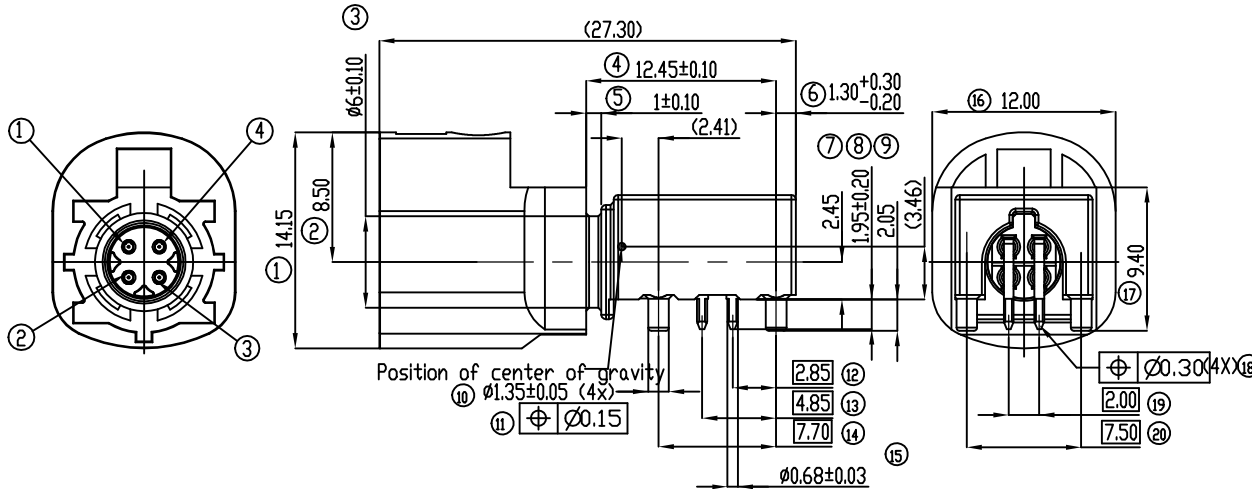


RECOMMENDED P.C.B LAYOUT
TOLERANCERS: ±0.10mm



SPECIFICATION

MATERIAL

Insulator: PA
Contacts: Brass
Outer Contacts: Zinc Alloy
Contact Plating
Contact area: 6u" Selective gold
Solder tails area: 20u"~80u" Tin (Lead Free)
Outer Contacts Plating
Underplate: 120u"~240u" Tin (Matte) over 120u"~240u" Nickel over 240~400u" Cu

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: ≥ 1000M Ω
Signal contact resistance: ≤ 10m Ω

MECHANICAL

Mating Cycles: ≥ 25 Cycles
Engagement force: ≤ 30N
Disengagement force: ≥ 5N
Retention force latch: ≥ 110 N
Coding efficiency: ≥ 80N
Temperature range: -40°C TO +105°C

Part no. 410 A F 04 N 6 T S1 T X C X
1 2 3 4 5 6 7 8 9 10 11 12

1.SERIES NO.

410=HSD
2.A=DIP Type

3.GREEN OPTION:

F=RoHS (Matte)

4.CONTACT NUMBER:

04=04 PINS
N=MALE

6.CONTACT AREA PLATING:

6=6u" GOLD

7.SOLDER TAILS AREA PLATING:

T=20u"~80u" Tin(Lead Free)
S1=Right Angle Type

9.SHELL PLATING:

T=120u"~240u" Tin(Lead Free)

10.1=Standard Type

11.PACKING STYLE:

C=TAPE REEL

12.CODING COLOR & CODING TYPE:

A=BLACK
B=WHITE
C=BLUE
D=BORDEAUX
E=GREEN
F=BROWN
Z=WATER BLUE

UNLESS OTHERWISE SPECIFIED TOLERANCE

ANG. ±5°
0. ±0.50
.0 ±0.30
.00 ±0.20

SCALE: AS SHOWN UNIT: mm

DRAWN JERRY 12/11/18

CHECKED / /

APPROVED / /

DATE SIZE A4 REV. X4



CHANT SINCERE CO.,LTD
TEL:886-02-86471251 FAX:886-02-86472962

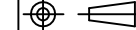
DRAWN NAME: HSD
Right Angle Plug 1/2

PRODUCT NO. 410AF04N6TS1TXXC

FILE NAME: C-410AF04N6TS1TXXC

REV. DESCRIPTION

DATE



SIZE

A4

REV. X4

FILE NAME:

C-410AF04N6TS1TXXC