

1.Material

See table.

2.Electrical

A.Impedance:100 OHM nominal

B. Frequency range:DC to 2 GHZ

C.Return Loss:

20 db min (DC to 1 GHZ

17 db min (DC to 2 GHZ)

D.Insertion Loss:-0.3 db max (DC to 2 GHZ)

E.Skew(Between signal contacts)5 Psex. max

F.Crosstalk: -30 dB max

G.Centercontact resistance: 10 mΩ max

H.Outer contact resistance: 7.5 mΩ max

1.Working voltage:100V Max

J. Power current :2.5A Max

K.Dielectric Withstanding Voltage: 500V min.

3.Mechanical

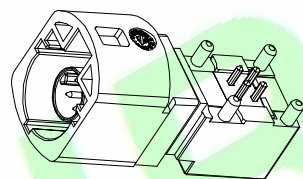
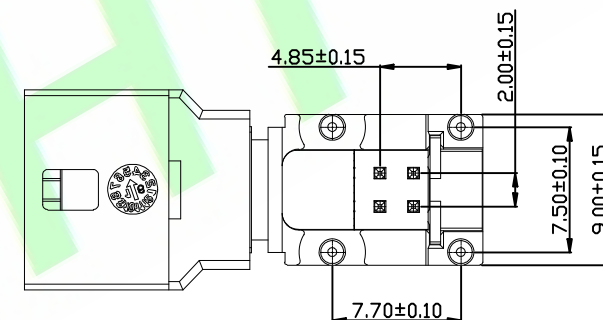
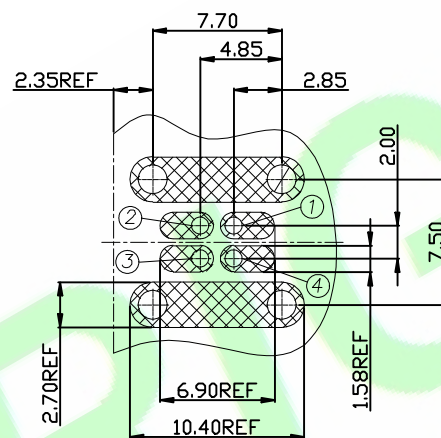
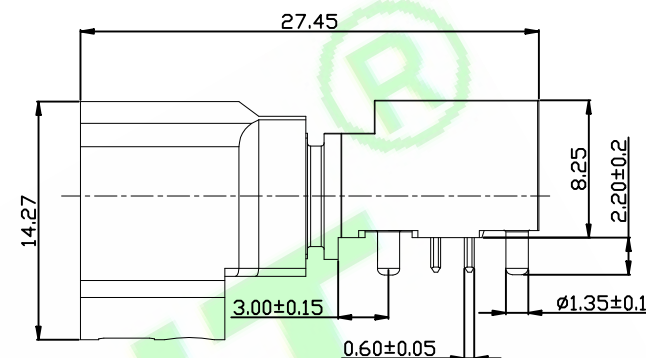
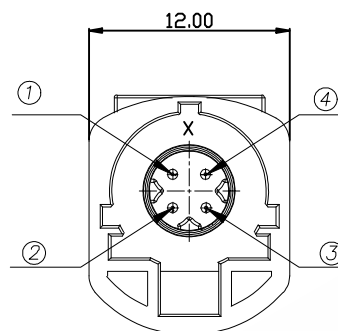
A. Durability: 25 Cycles min.

B.Temperature range:-40'C to +105'C

C.Housing retention: 110N min.

D.Insertion force:35Nmax

E.Withdrawal force: 5N min



Recommended PCB LAYOUT

NO	Part name	Number	Material	Plating/Color
1	Housing	1	NY4T	See Table 1
2	STopple	1	LCP	Black
3	Insulator	1	LCP	Black
4	Body	1	Zinc	Cu400u"MIN ,Ni 100u" Min,Matte Sn100u"Min
5	Baffle	1	Zinc	Cu400u"MIN ,Ni 100u" Min
6	Contact	4	C2680	Nickel plated bottom 80u"Min,Contact gold plated 15u",Sokderubg area matte Tin plated 100u"Min

Ordering Information

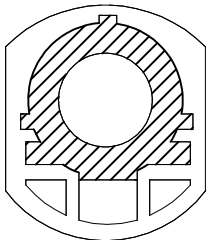
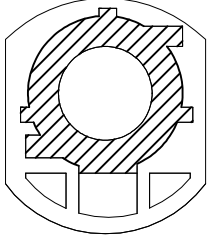
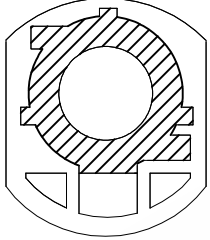
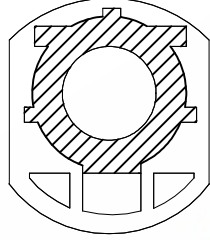
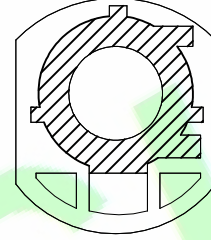
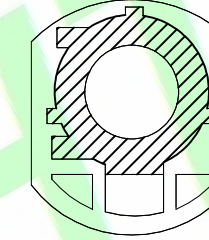
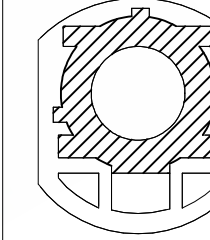
HSD11001R-04X-02-G

- 1: Series No.
 2: R/R/A Type
 3: No.of Positions
 4: Fool-proofing Type
 A:A Type
 B:B Type
 C:C Type
 D:D Type
 E:E Type
 F:F Type
 Z:Z Type
 4: G:In Tape &reel

5X				DR.BY:	Judyyan	GENERAL TOLERANCE:	PART NO : HSD11001R-04X-02-G	HJBRIGHT® 东莞市華晶電子有限公司 BRIGHT-E ELECTRONIC TECHNOLOGY LIMITED	
4X				CHKD:	Aren	LINEAR	BURY P/N:		
3X				APPD:	Billy	ANGLES	TITLE :	SHEET: 1/2	
2X						X.: ±0.40	HSD Horizontal 4P Plug(Down) R/A Type	SCALE: 1:1	
1X	ORIGINAL	Judyyan				X.X: ±0.30		UNIT: mm	
REV	DESCRIPTION	DR.BY	ECN. NO			X.XX: ±0.20	DATE: 17-Oct-2021		A4
						X.XXX: ±0.10			

See Table 1:

Fool-proofing Type

A Type	B Type	C Type	D Type	E Type	F Type	Z Type
						
GREY 7031	VIOLET 4003	BEIGE 1001	CURRY 1027	YELLOW GREEN 6018	PASTEL ORANGE 2003	LIGHT GREEN 6027

5X				DR.BY.: Judyyan	GENERAL TOLERANCE:		PART NO : HSD11001R-04S-01-G		HJBRIGHT® 東莞市華晶電子有限公司 BRIGHT-E ELECTRONIC TECHNOLOGY LIMITED		
4X					LINEAR ANGLES		BURY P/N:				
3X				CHKD.: Aren	X.: ±0.40	X': ±5.0°	TITLE : HSD Horizontal 4P Plug(Down) R/A Type		SHEET: 2/2		A4
2X					X.X: ±0.30	X.X': ±3.0°			SCALE: 1:1		
1X	ORIGINAL	Judyyan		APPD.:	X.XX: ±0.20	X.XX': ±2.0°	DATE: 17-Oct-2021	UNIT: mm	THIRD ANGLE PROJECTION		
REV.	DESCRIPTION	DR.BY	ECN. NO.	Billy	X.XXX: ±0.10	X.XXX': ±1.0°					