

3D VIEW

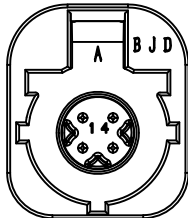
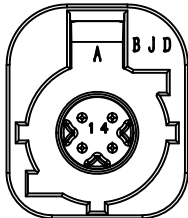
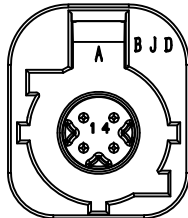
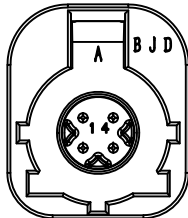
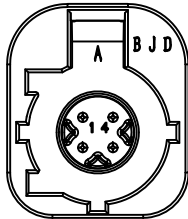
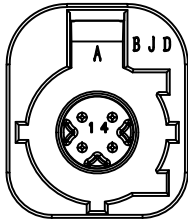
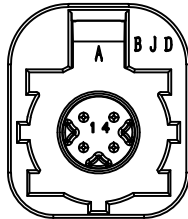
- NOTES:
- ELECTRICAL PERFORMANCE:
    - A.IMPEDANCE:100Ω;
    - B.CONTACT RESISTANCE:(CENTER PIN)10mΩ Max, (OUTER CONTACT)7.5mΩ Max;
    - C.FREQUENCY:DC TO 2.0GHZ; RETURN LOSS:≥20dB TO 1.0GHZ, ≥17dB TO 2.0GHZ; INSERTION LOSS:≤0.1dB@1.0GHZ;
    - D.INSULATION RESISTANCE≥1000MΩ;
    - E.TEST VOLTAGE:250V AC RMS;
    - F.WORKING VOLTAGE:≤60V DC;
    - G.CURRENT:≤2.5A DC.
  - MECHANICAL PERFORMANCE:
    - A.DURABILITY:≥25 TIMES;
    - B.ENGAGEMENT FORCE:≤30N;
    - C.DISENGAGEMENT FORCE:≥5N;
    - D.DISENGAGE FORCE WITH LOCK:≥110N;
    - E.CENTER PIN RETENTION FORCE:≥15N.
  - ENVIRONMENTAL DATA:
    - A.TEMPERATURE RANGE:-40℃ to +105℃
    - B.THERMAL SHOCK:(USCAR 17)
    - C.TEMPERATURE AND HUMIDITY:(USCAR 2)
    - D.VIBERATION AND MECHANICAL SHOCK:(USCAR 2)
    - E.RoHS:COMPLIANT

RECOMMENDED P.C.B LAYOUT  
TOLERANCE:±0.05  
(BOTTOM VIEW)  
8\* $\phi$ 0.15 $\text{\textcircled{M}}$   
 $\text{\textcircled{S}}$  SOLDER AREA

⑤	BAFFLE	1	BRASS	TIN PLATED OVER NICKEL
④	OUTER CONTACT	1	ZINC ALLOY	TIN PLATED OVER NICKEL
③	CENTER CONTACT	4	BRASS	SELECTIVE GOLD OVER NICKEL
②	INSULATOR	1	PA	
①	HOUSING	1	PA	SEE PART NUMBER TABLE
ITEM	PART NAME	Q'TY	MATERIAL	FINISH

SER	REVISIONS	CHK	DATE	UNLESS OTHERWISE SPECIFIED TOLERANCES ARE	客户图 Drawings	北极大电子科技有限公司 BEIJIDA ELECTRONICS TECHNOLOGY CO. LIMITED				
				X. ±0.30	APPROVED	DATE	PART NO			
				X.XX ±0.20	Leo	2021-03-24	14000X-40XX50			
				X.XXX	CHECKED	DATE	NAME			
				ANG. ±2'	Jay	2021-03-24	HSD HORIZONTAL PLUG			
				UNIT	DRAWN	DATE	SIZE	SCALE	SHEET	REV
				MM	Jay	2021-03-24	A4	1:1	1/2	X0

PART NUMBER TABLE:

CODING&COLOR&RAL NO	14000X-400150	14000X-400250	14000X-400350	14000X-400450
P/N	TYPE G GREY 7031	TYPE H VIOLET 4003	TYPE J BEIGE 1001	TYPE K CURRY 1027
PLUG				
P/N	14000X-400550	14000X-400650	14000X-401450	
CODING&COLOR&RAL NO	TYPE L YELLOW GREEN 6018	TYPE M PASTEL ORANGE 2003	TYPE O LIGHT GREEN 6027	
PLUG				

				UNLESS OTHERWISE SPECIFIED TOLERANCES ARE		客户图 Drawings		北极大电子科技有限公司 BEIJIDA ELECTRONICS TECHNOLOGY CO. LIMITED			
				X. X.X ±0.30 X.XX ±0.20 X.XXX ANG. ±2°		APPROVED Leo		DATE 2021-03-24		PART NO 14000X-40XX50	
						CHECKED Jay		DATE 2021-03-24		NAME HSD HORIZONTAL PLUG	
				UNIT MM		DRAWN Jay		DATE 2021-03-24		SIZE A4	
SER				REVISIONS		CHK		DATE		SCALE 1:1	
										SHEET 2/2	
										REV X0	