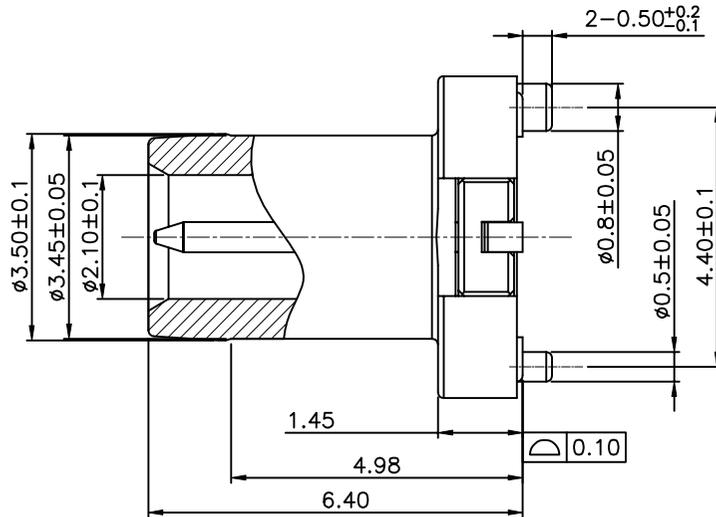
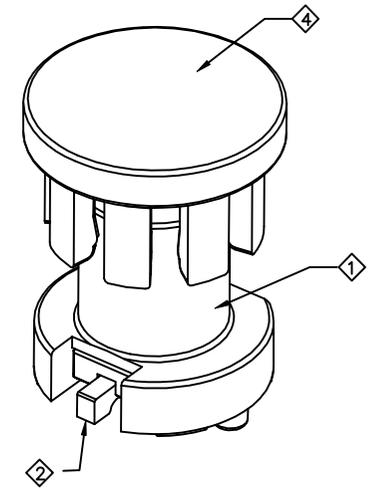
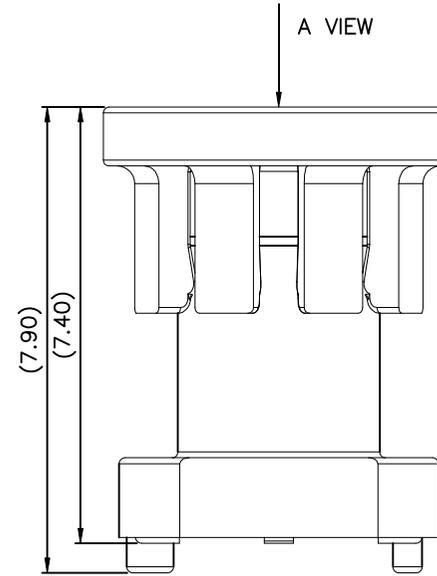
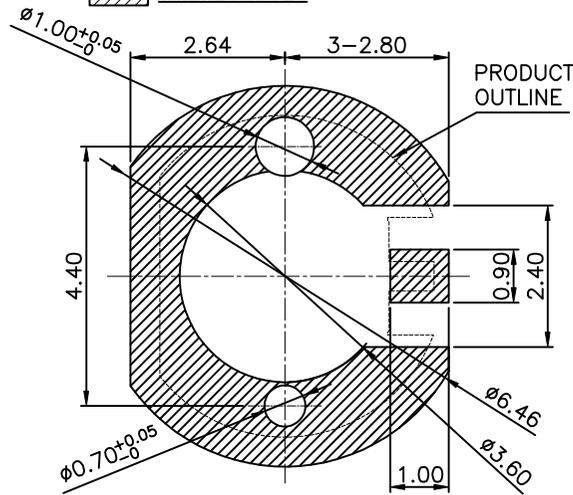
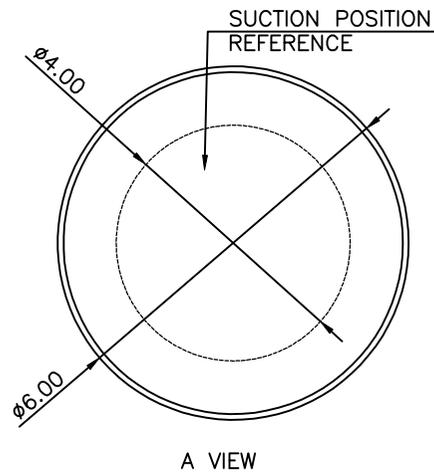


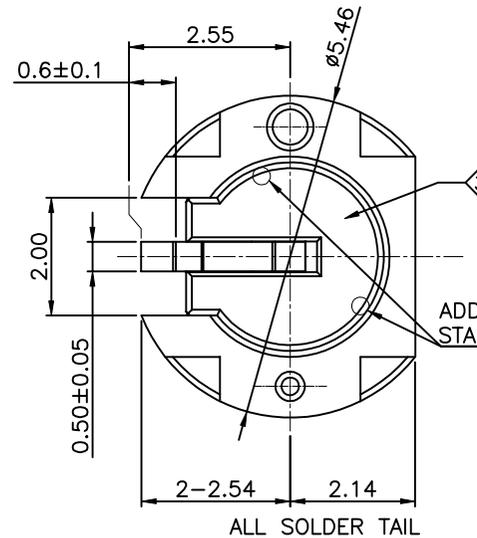
INFORMATION NOTE: AFTER WELDING THE LIATE, REMOVE THE CAP, PULL OUT FORCE IS AS 15N MAX.

RECOMMENDED PCB LAYOUT  
TOLERANCE ±0.05 (TOP VIEW)

 SOLDER AREA



ALL SOLDER TAIL



ALL SOLDER TAIL

ADD TWO STAKING POINTS

NOTES:

VOLTAGE RATING: 60V AC/DC MAX.

CURRENT RATING: 1A AC/DC

WITHSTANDING VOLTAGE: 500V AC/MINUTE

TEMPERATURE RANGE: -40°C ~ +105°C

INSULATION RESISTANCE: ≥ 1000MΩ

CENTER CONTACT RESISTANCE:

TEST BEFORE: 5 mΩ MAX

TEST AFTER: 40 mΩ MAX

OUTER CONTACT RESISTANCE:

TEST BEFORE: 5 mΩ MAX

TEST AFTER: 40 mΩ MAX

MECHANICAL SPECIFICATION:

MATING FORE: 25N MAX

UNMATING FORE: 25N MAX

DURABILITY: 100 CYCLES

APPLICABLE BJD ADAPTOR: 141131-420190

APPLICABLE BJD SMB FEMALE: 160021-3XXX01

TABLE:

ITEM	PART NAME	Q'TY	MATERIAL	FINISH/COLOR
④	CAP	1	HIGH TEMP THERMOPLASTIC	BLACK
③	INSULATOR	1	HIGH TEMP THERMOPLASTIC	BLACK
②	TERMINAL	1	BRASS	Au PLATED
①	BODY	1	ZINC ALLOY	Sn PLATED

SER	REVISIONS	CHK	DATE

UNLESS OTHERWISE SPECIFIED TOLERANCES ARE

X. ±0.30  
X.X ±0.20  
X.XXX  
ANG. ±2'

UNIT  
MM

客户图  
Drawings

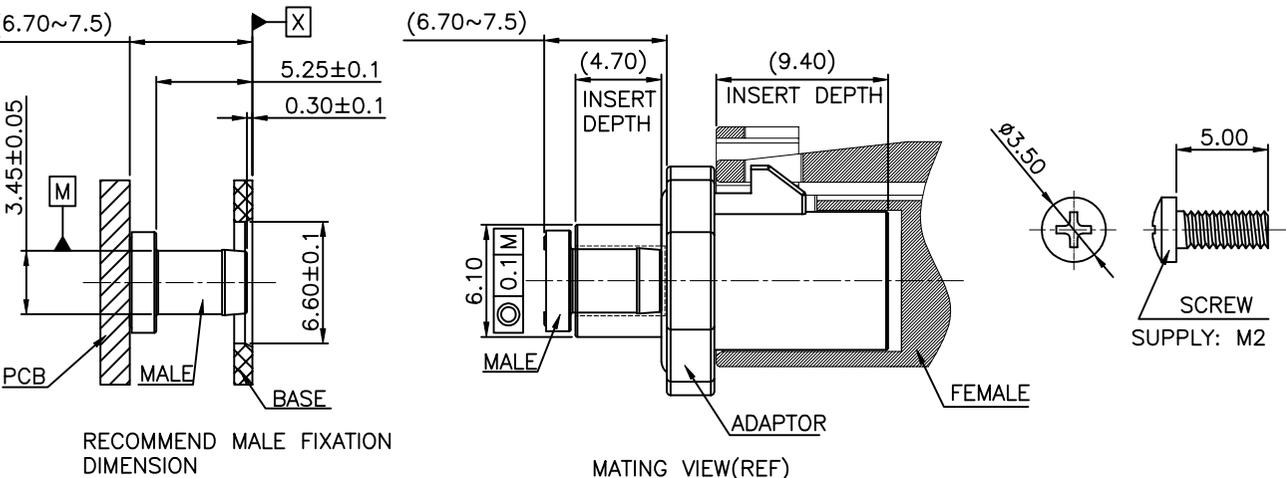
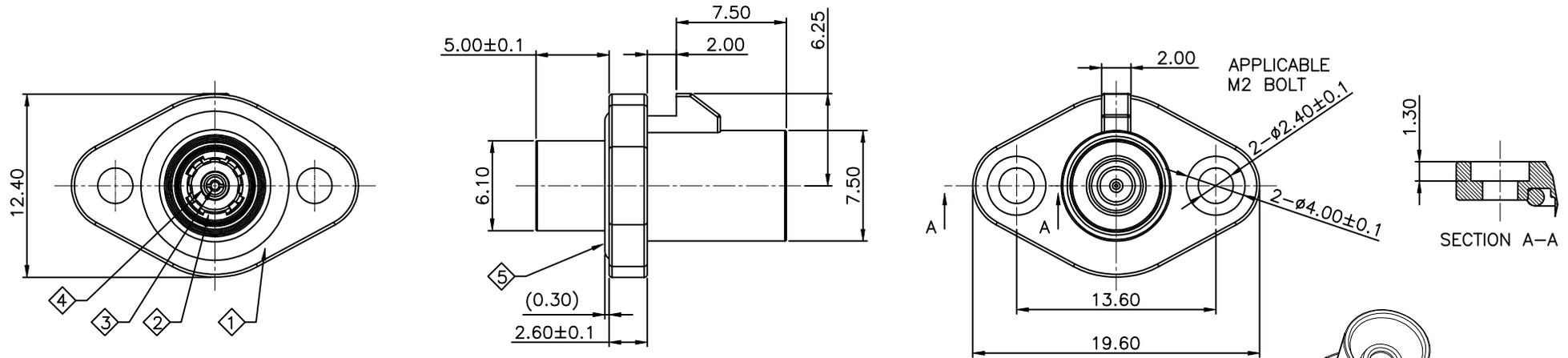
APPROVED  
Jay  
CHECKED  
Jay

DRAWN  
Bob

客户图  
北极大电子科技有限公司  
BEIJIDA ELECTRONICS TECHNOLOGY CO. LIMITED

DATE  
2022-09-24  
PART NO  
141131-210150  
NAME  
FAKRA MALE FOR PCB MOUNTING

DATE  
2022-09-24  
SIZE  
A4  
SCALE  
8:1  
SHEET  
1/1  
REV  
XO

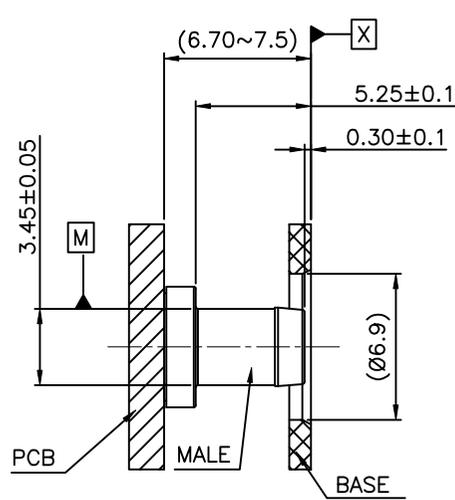


NOTES:  
 VOLTAGE RATING: 60V AC/DC MAX.  
 CURRENT RATING: 1A AC/DC  
 WITHSTANDING VOLTAGE: 500V AC/MINUTE  
 TEMPERATURE RANGE: -40°C ~+105°C  
 INSULATION RESISTANCE: ≥1000MΩ  
 CENTER CONTACT RESISTANCE:  
 TEST BEFORE: 5 mΩ MAX  
 TEST AFTER: 40 mΩ MAX  
 OUTER CONTACT RESISTANCE:  
 TEST BEFORE: 5 mΩ MAX  
 TEST AFTER: 40 mΩ MAX  
 MECHANICAL SPECIFICATION:  
 MATING FORE: 25N MAX  
 UNMATING FORE: 25N MAX  
 FEMALE LOCKING FORE: 80N MIN  
 DURABILITY: 100 CYCLES  
 INGRESS PROTECTION: IP67  
 APPLICABLE BJD FAKRA MALE:  
 141131-210150

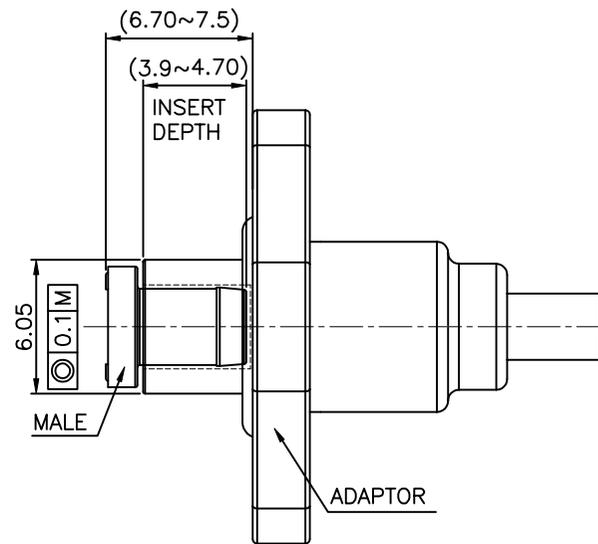
⑤	O-RING	1	SILICON RUBBER	RED
④	INSULATOR	1	THERMOPLASTIC	NATURE
③	TERMINAL	1	COPPER ALLOY	Au PLATED
②	BODY	1	ZINC ALLOY	Ni PLATED
①	SHELL	1	ZINC ALLOY	Ni PLATED
ITEM	PART NAME	Q'TY	MATERIAL	FINISH/COLOR

					UNLESS OTHERWISE SPECIFIED TOLERANCES ARE
					X. ±0.30
					X.X ±0.20
					X.XXX ANG. ±2'
X1	INCREASE DIMENSIONAL TOLERANCE	Jay	2023-06-02		
X0	INITIAL REVISION	Jay	2022-09-24		
SER	REVISIONS	CHK	DATE	UNIT	MM

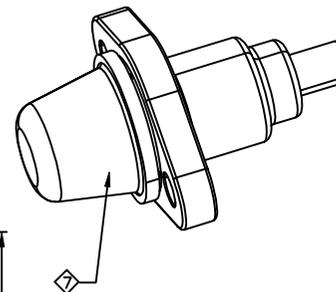
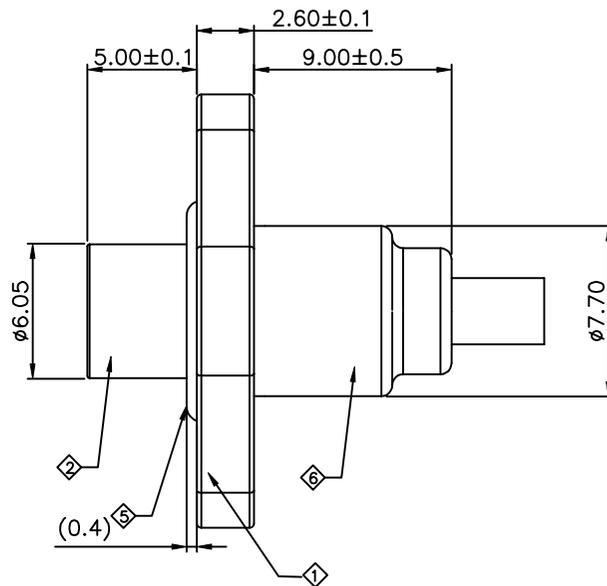
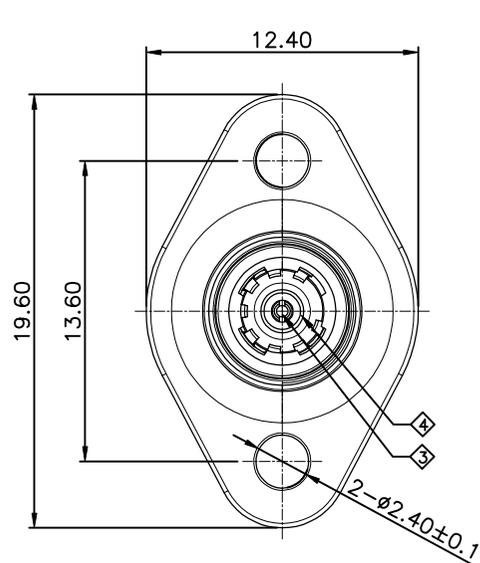
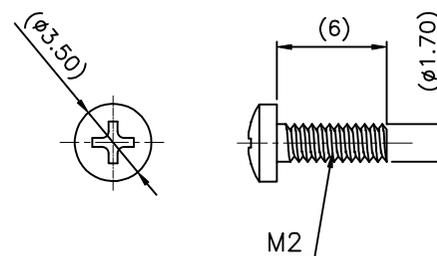
客户图		北极大电子科技有限公司			
Drawings		BEIJIDA ELECTRONICS TECHNOLOGY CO. LIMITED			
APPROVED	DATE	PART NO			
Jay	2022-09-24	141131-420190			
CHECKED	DATE	NAME FAKRA SEALED ADAPTOR, J			
Jay	2022-09-24	FLAT HEAD SINKING HOLE			
DRAWN	DATE	SIZE	SCALE	SHEET	REV
Bob	2022-09-24	A4	2.5:1	1/1	X1



RECOMMEND MALE FIXATION DIMENSION



MATING VIEW(REF)



NOTES:  
 VOLTAGE RATING: 60V AC/DC MAX.  
 CURRENT RATING: 1A AC/DC  
 WITHSTANDING VOLTAGE: 500V AC/MINUTE  
 TEMPERATURE RANGE: -40°C ~+105°C  
 INSULATION RESISTANCE: ≥1000MΩ  
 CENTER CONTACT RESISTANCE:  
 TEST BEFORE: 5 mΩ MAX  
 TEST AFTER: 40 mΩ MAX  
 OUTER CONTACT RESISTANCE:  
 TEST BEFORE: 5 mΩ MAX  
 TEST AFTER: 40 mΩ MAX  
 MECHANICAL SPECIFICATION:  
 MATING FORE: 25N MAX  
 UNMATING FORE: 25N MAX  
 DURABILITY: 100 CYCLES  
 INGRESS PROTECTION: IP68&IP69  
 APPLICABLE BJD FAKRA MALE: 141131-210150

TABLE:

◇	CAP	1	THERMOPLASTIC	WHITE
◇	OVER MOLDING	1	THERMOPLASTIC	BLACK
◇	O-RING	1	SILICON RUBBER	RED
◇	INSULATOR	1	THERMOPLASTIC	NATURE
◇	TERMINAL	1	COPPER ALLOY	Au PLATED
◇	BODY	1	ZINC ALLOY	Ni PLATED
◇	SHELL	1	ZINC ALLOY	Ni PLATED
ITEM	PART NAME	Q'TY	MATERIAL	FINISH/COLOR

				UNLESS OTHERWISE SPECIFIED TOLERANCES ARE
				X. ±0.30
				X.XX ±0.20
				X.XXX ANG. ±2'
X1	INCREASE DIMENSIONAL TOLERANCE	Jay	2023-06-02	
X0	INITIAL REVISION	Jay	2022-09-24	
SER	REVISIONS	CHK	DATE	UNIT

客户图		北极大电子科技有限公司			
Drawings		BEIJIDA ELECTRONICS TECHNOLOGY CO. LIMITED			
APPROVED	DATE	PART NO			
Jay	2022-09-24	160021-3XXX01			
CHECKED	DATE	NAME SMB FEMALE FOR			
Jay	2022-09-24	RG174 CABLE			
DRAWN	DATE	SIZE	SCALE	SHEET	REV
Bob	2022-09-24	A4	3:1	1/1	X1