

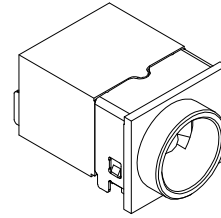


RoHS Compliant
2002/95/EC

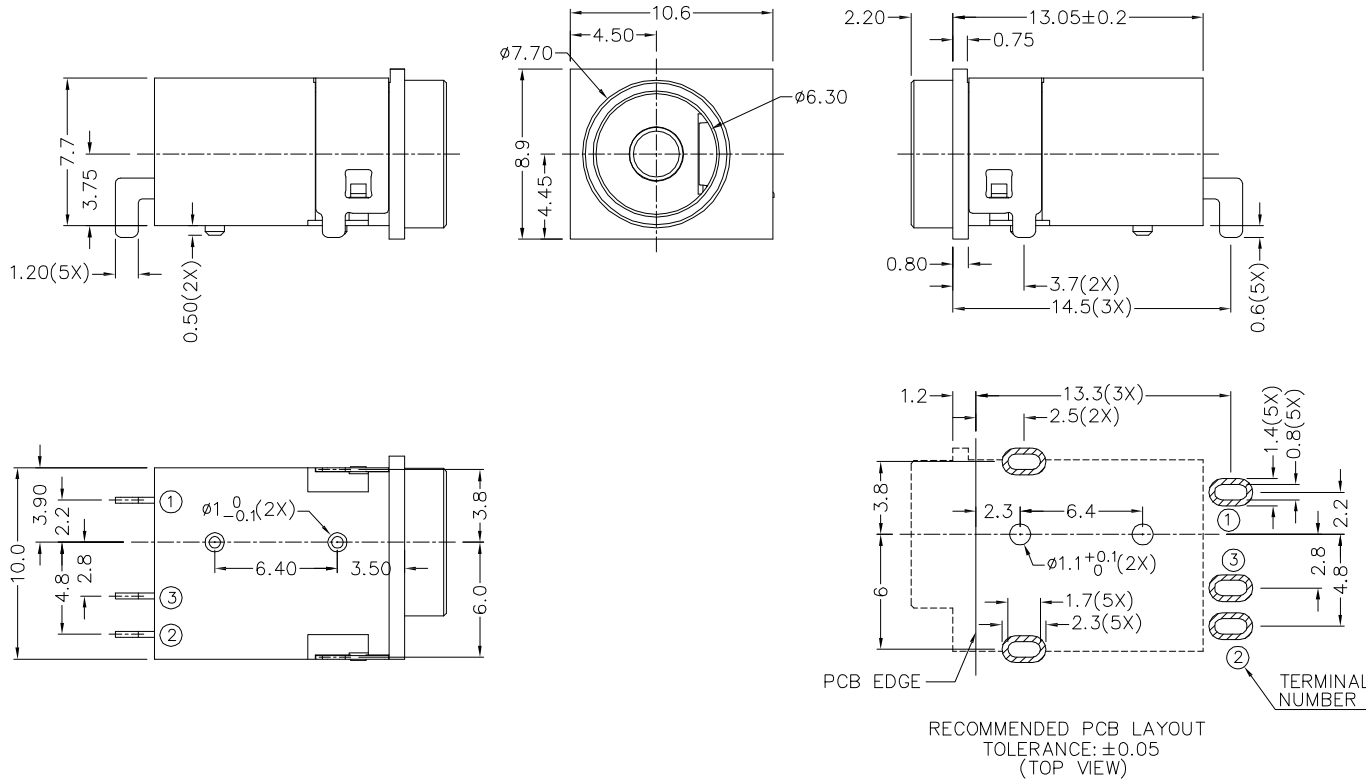


Halogen Free

REV.	ECN. NO.	APPD.



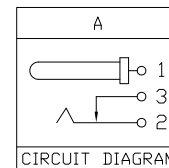
DIMENSIONS



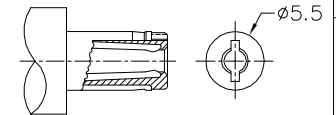
MODEL CODE:
 DCT0-1002HS- A □ 10 BK G 0 1
 (1) (2) (3)(4)(5) (6)(7)(8) (9)

(1):Series type:WATERPROOF DIP DC POWER JACK.
 (2):Series No.
 (3):Schematic option: A
 (4):Center pin diameter:
 H=φ2.0mm,J=φ2.5mm
 (5):Material of housing:
 10=PA10T
 (6):Housing color:
 BK=Black
 (7):Terminal plating:
 G=Gold(Au)
 (8):Special option:
 0=No special option
 (9):Packing mode:
 1=Reel packing

Specification:
 1.Rating :5A/16V DC Max.
 2.Contact resistance:≤30mΩ
 After test:≤60mΩ
 3.Insulation resistance:≥100MΩ (500VDC).
 After test:≥50MΩ
 4.Withstanding voltage:500VAC.
 5.Insertion and extraction force:0.3~3Kgs.
 6.Life test:5,000 cycles min.
 7.Operation temperature range:-25°C~85°C



MODEL NO.	H	J
CENTER PIN	φ2.0±0.05mm	φ2.5 ^{+0.1} _{0.0} mm



DC MATE PLUG

Bill of materials:

7					.X ±0.20	UNITS	mm
6	COVER	HIGH TEMP. PLASTIC	1		.XX ±0.10	MAT'L	
5	HOUSING	HIGH TEMP. PLASTIC	1		.XXX ±0.05	SEE NOTE	
4	SHIELD	BRASS	1			FINISH	
3	TERMINAL 3	BRASS	1			SEE NOTE	
2	TERMINAL 2	COPPER ALLOY	1			Q'TY	
1	TERMINAL 1	BRASS	1				
NO	PARTS	MATERIAL	QTY	FINISHING			

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雅安科技有限公司 ACCURATE INNOTECH INC.			
TITLE: WATERPROOF DIP DC POWER JACK		PART NO.: DCT0-1002HS	
DR: <i>Ricky</i> 2021/09/30		DWG NO.: AT0-1002HS	
CHKD: <i>Ricky</i> 2021/09/30		SCALE	SHEET
APPD:		3:1	1/2
		REV. B	CUSTOMER DRAWING



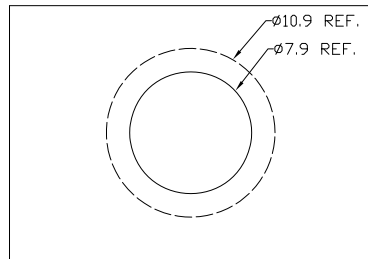
RoHS Compliant
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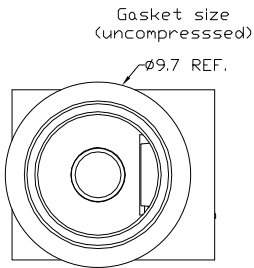
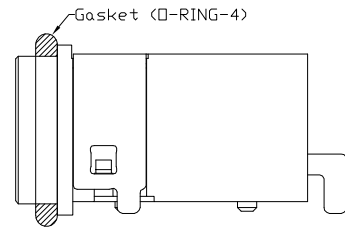
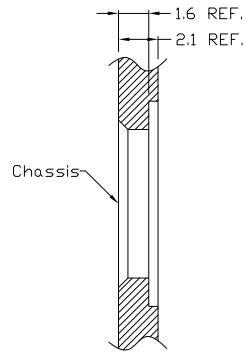
Halogen Free

REV.	ECN.	NO.	APPD.

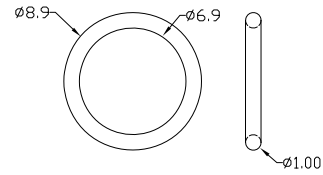
DIMENSIONS



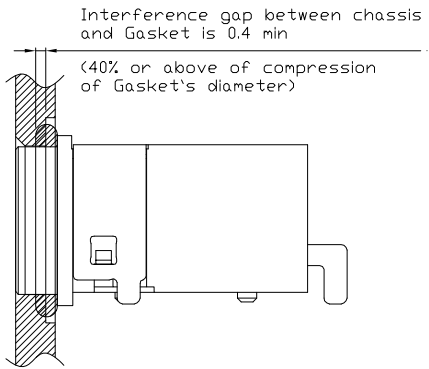
Top View



Gasket size (uncompressed)



*Recommended Waterproof Gasket
Gasket Part No: O-RING-4



After assembling on chassis

.X	±0.20	UNITS	mm	雅安科技有限公司 ACCURATE INNOTECH INC.					
.XX	±0.10	MAT'L	SEE NOTE						
.XXX	±0.05	FINISH	SEE NOTE	TITLE:	PART NO.:				
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				DR: <i>Ricky</i> 2021/09/30	DWG NO.:				
Q'TY		CHKD: <i>Ricky</i> 2021/09/30		AT0-1002HS		SCALE	SHEET	REV.	CUSTOMER
		APPD:		3:1	2/2	B	DRAWING		