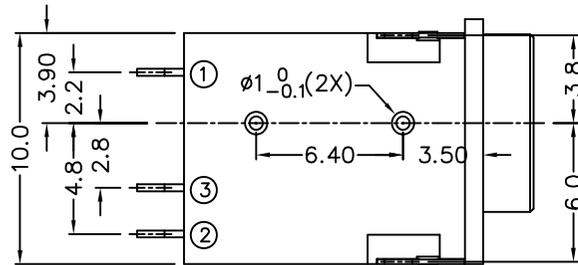
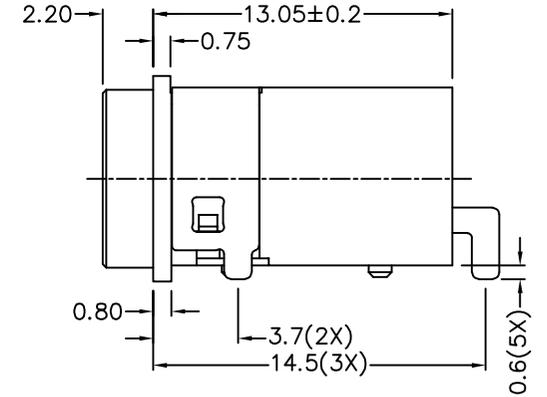
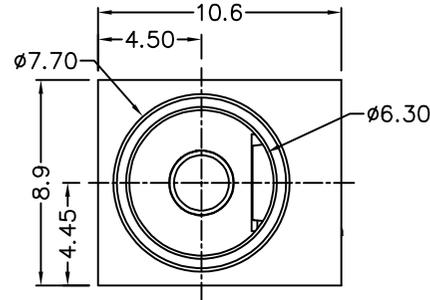
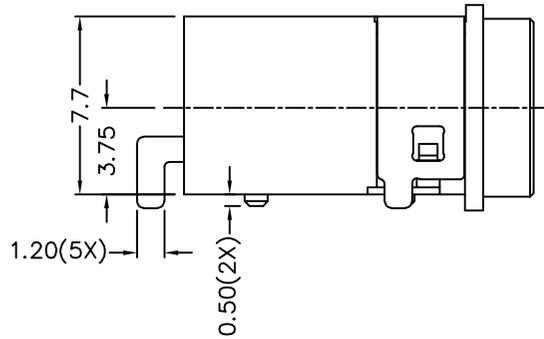


RoHS
Compliant

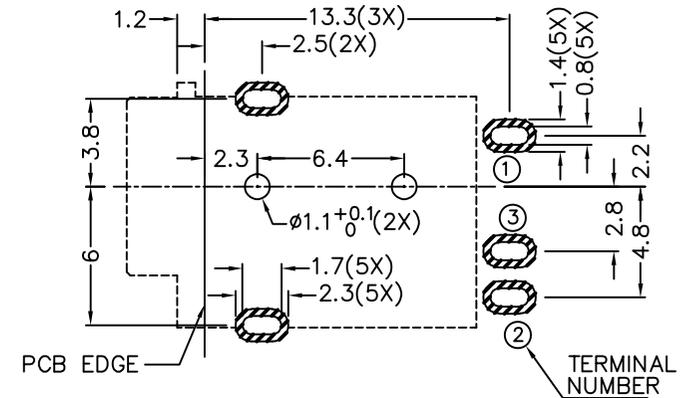
ZONE	SYMBOL	REVISION	APPROVAL	DATE
		ADD CENTER PIN TOLERANCE	H.Q.ZHOU	8-10-2025



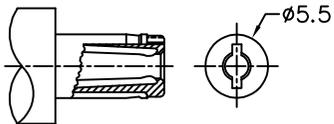
*** MATERIAL**

TERMINAL 1 : BRASS
 TERMINAL 2 : COPPER ALLOY
 TERMINAL 3 : BRASS
 SHIELD : BRASS
 HOUSING : HIGH TEMP. PLASTIC
 COVER : HIGH TEMP. PLASTIC

MODEL NO.	LWP-1002HS
SCHEMATIC	
CENTER PIN	ø2±0.05mm
	ø2.5 ⁺⁰ _{-0.1} mm



RECOMMENDED PCB LAYOUT
 TOLERANCE: ±0.05
 (TOP VIEW)



RECOMMENDED
DC MATING PLUG

LINKPLEX TECHNOLOGY LIMITED

DESIGN	H.L.TAN	DATE	30-10-2018	SCALE	3:1
DRAWING	J.H.ZHOU	DATE	8-10-2025	MATERIAL	*
CHECK	T.Y.LI	DATE	8-10-2025	DWG. NO.	TZ\WP1002HS-A/2.2
APPROVAL	H.Q.ZHOU	DATE	8-10-2025	SHEET	1/2

PART NAME	WATERPROOF DC POWER JACK	TOLERANCE UNLESS	0.0±0.2	UNIT:	
PART NO.	LWP-1002HS	OTHERWISE SPECIFIED:	0.00±0.1 0.000±0.05	mm	

F E D C B A

F

E

D

C

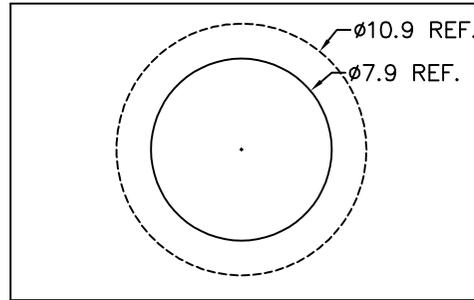
B

A

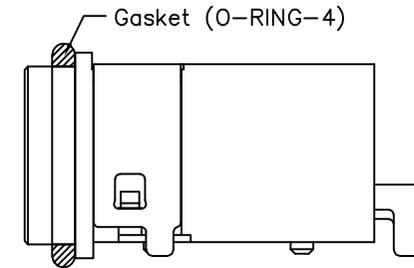
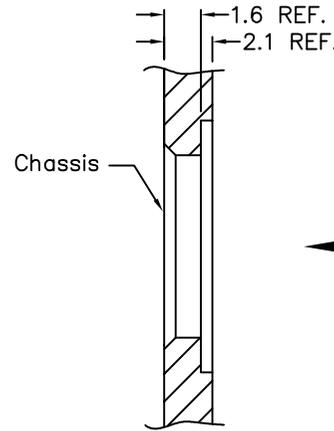


RoHS Compliant

ZONE	SYMBOL	REVISION	APPROVAL	DATE



Top View



1

1

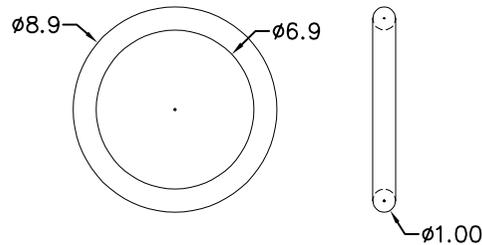
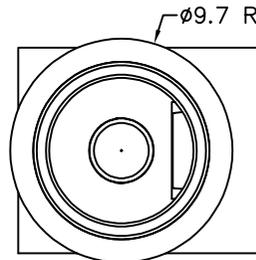
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2

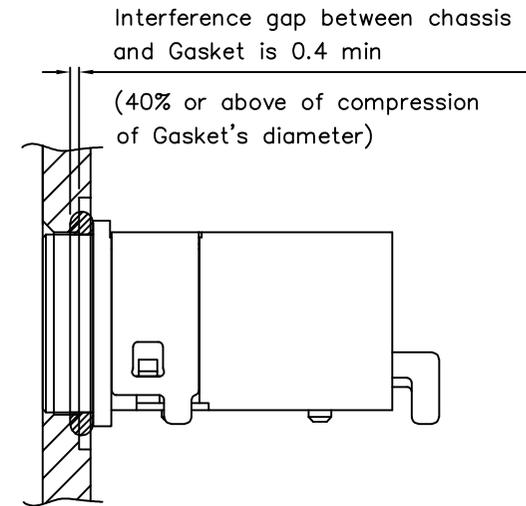
3

3

Gasket size (uncompressed)



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



After assembling on chassis

4

4



LINKPLEX TECHNOLOGY LIMITED

DESIGN	H.L.TAN	DATE	30-10-2018	SCALE	3:1
DRAWING	J.H.ZHOU	DATE	8-10-2025	MATERIAL	
CHECK	T.Y.LI	DATE	8-10-2025	DWG. NO.	TZ\WP1002HS-A/2.2
APPROVAL	H.Q.ZHOU	DATE	8-10-2025	SHEET	2/2

PART NAME	WATERPROOF DC POWER JACK	TOLERANCE UNLESS	0.0±0.2	UNIT:	
PART NO.	LWP-1002HS	OTHERWISE SPECIFIED:	0.00±0.1 0.000±0.05	mm	

F

E

D

C

B

A