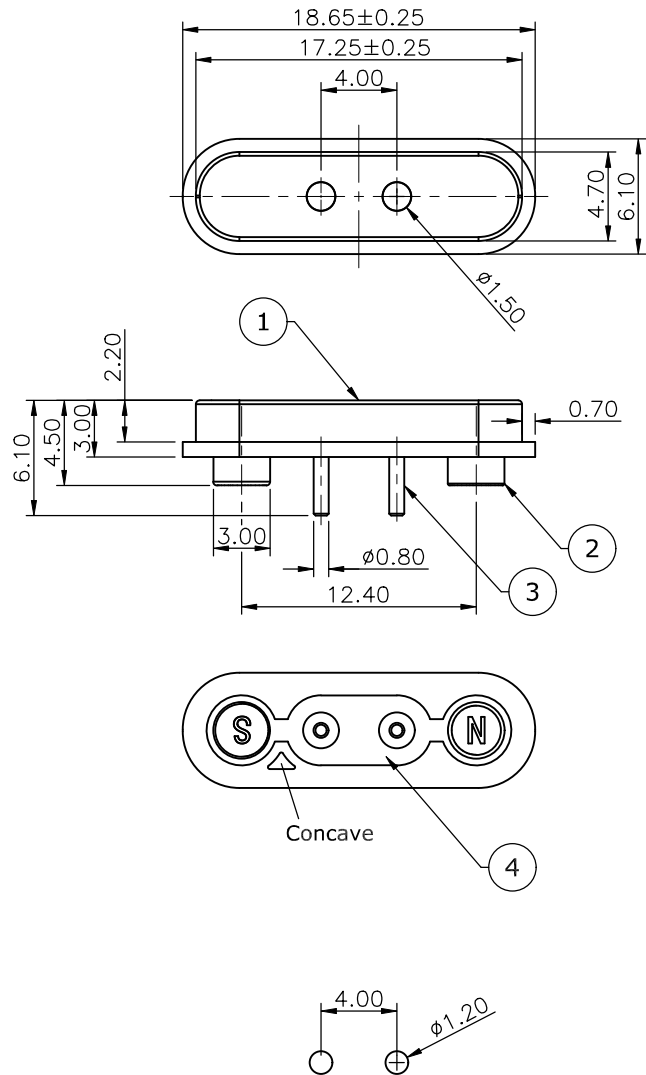


	8	9	10
REV.	DESCRIPTION	DRAWN	DATE
1	INITIAL RELEASE	Michael	2025/04/28
2	Add ORING	Fros	2025/07/02
3	ECR2500007	TIM	2025/07/09

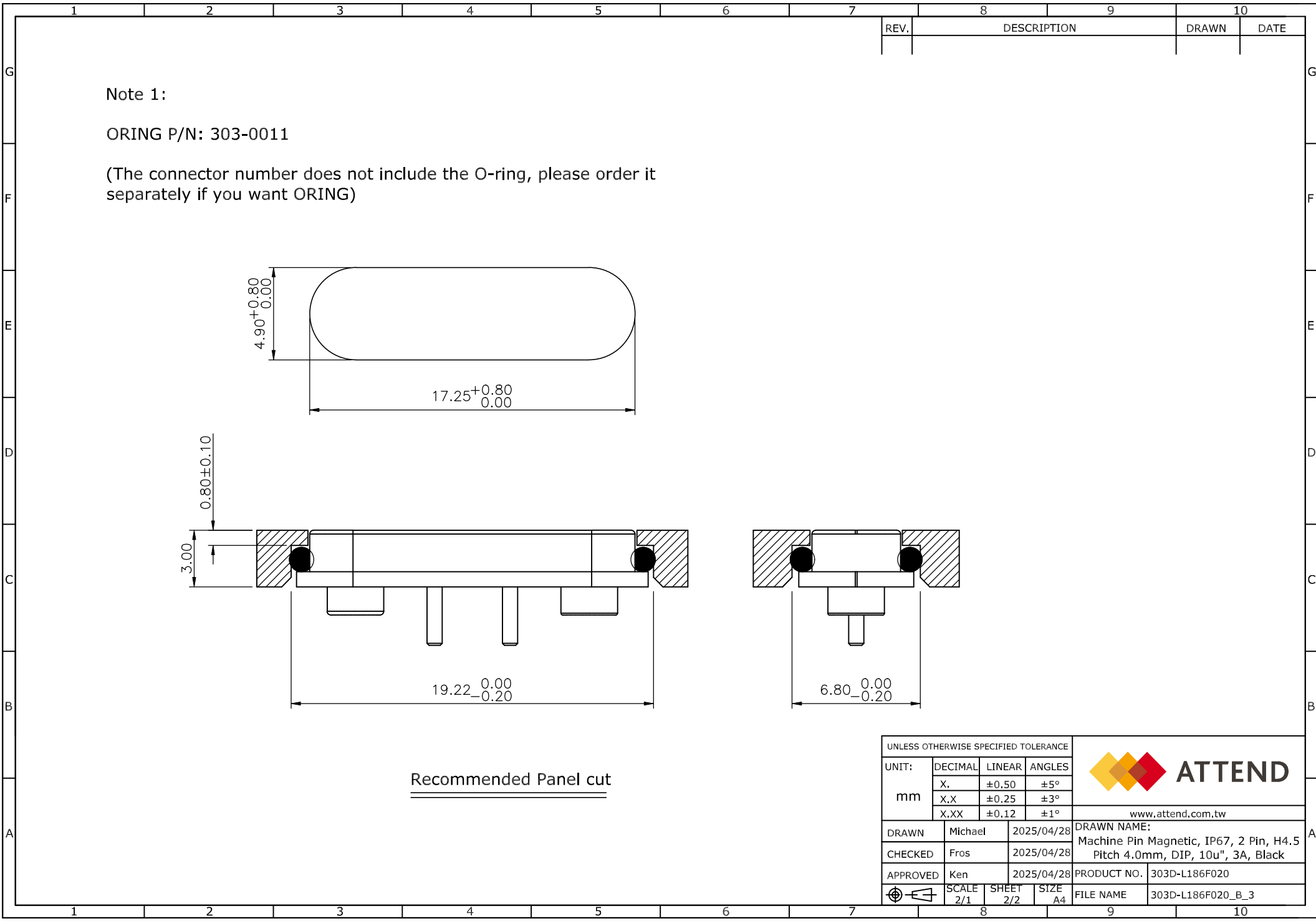
SPECIFICATION:

1. ELECTRICAL
 - 1.1 Current Rating: 3A per pin
 - 1.2 Voltage Rating: 24VDC
 - 1.3 Contact Resistance: 50mΩ
 - 1.4 Insulation Resistance: 100MΩ
 - 1.5 Dielectric Withstanding Voltage: 500VAC
2. MECHANICAL
 - 2.1 Durability: 20,000 Cycle
3. ENVIRONMENTAL
 - 3.1 Operating temperature range: -40°C~+60°C
 - 3.2 Storage temperature range: -40°C~+60°C
4. HAND SOLDERING
 - 4.1 Recommended hand soldering conditions Temperature 240°C±10°C, 3~5 sec.



RECOMMENDED PCB LAYOUT
GENERAL TOLERANCE: ± 0.05

4	GLUE	EPOXY			
3	CONTACT	Brass C6801, plating 10u" Au			
2	MAGNET	N52, NdFeB Magnet plating Ni			
1	HOUSING	PA9T , UL94 V-0 black			
NO. PART NAME		DESCRIPTION			
UNLESS OTHERWISE SPECIFIED TOLERANCE		 ATTEND www.attend.com.tw			
UNIT: mm	DECIMAL			LINEAR	ANGLES
	X.			±0.50	±5°
	X.X			±0.25	±3°
	X.XX			±0.12	±1°
DRAWN		Michael	2025/04/28	DRAWN NAME: Machine Pin Magnetic, IP67, 2 Pin, H4.5 Pitch 4.0mm, DIP, 10u", 3A, Black	
CHECKED		Fros	2025/04/28		
APPROVED		Ken	2025/04/28	PRODUCT NO.	303D-L186F020
		SCALE 2/1	SHEET 1/2	SIZE A4	FILE NAME 303D-L186F020_B_3



Note 1:

ORING P/N: 303-0011

(The connector number does not include the O-ring, please order it separately if you want ORING)

Recommended Panel cut

UNLESS OTHERWISE SPECIFIED TOLERANCE				 ATTEND			
UNIT: mm	DECIMAL	LINEAR	ANGLES			www.attend.com.tw	
	X.	±0.50	±5°				
	X.X	±0.25	±3°				
	X.XX	±0.12	±1°				
DRAWN	Michael	2025/04/28		DRAWN NAME: Machine Pin Magnetic, IP67, 2 Pin, H4.5 Pitch 4.0mm, DIP, 10u", 3A, Black			
CHECKED	Fros	2025/04/28					
APPROVED	Ken	2025/04/28					
	SCALE 2/1	SHEET 2/2	SIZE A4	PRODUCT NO.	303D-L186F020		
				FILE NAME	303D-L186F020_B_3		