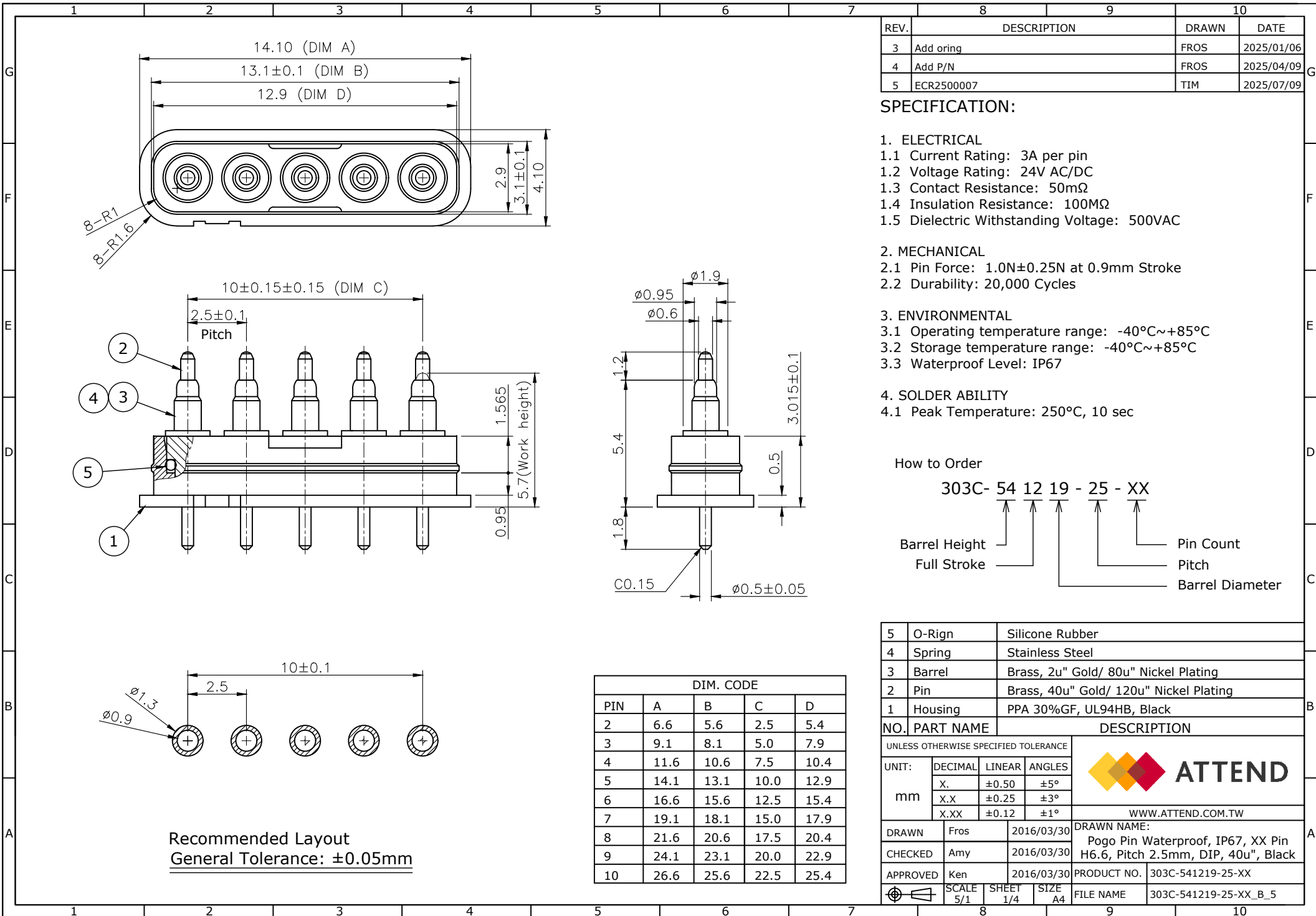




REV.	DESCRIPTION	DRAWN	DATE
3	Add oring	FROS	2025/01/06
4	Add P/N	FROS	2025/04/09
5	ECR2500007	TIM	2025/07/09

SPECIFICATION:

1. ELECTRICAL
- 1.1 Current Rating: 3A per pin
 - 1.2 Voltage Rating: 24V AC/DC
 - 1.3 Contact Resistance: 50mΩ
 - 1.4 Insulation Resistance: 100MΩ
 - 1.5 Dielectric Withstanding Voltage: 500VAC
2. MECHANICAL
- 2.1 Pin Force: 1.0N±0.25N at 0.9mm Stroke
 - 2.2 Durability: 20,000 Cycles
3. ENVIRONMENTAL
- 3.1 Operating temperature range: -40°C~+85°C
 - 3.2 Storage temperature range: -40°C~+85°C
 - 3.3 Waterproof Level: IP67
4. SOLDER ABILITY
- 4.1 Peak Temperature: 250°C, 10 sec

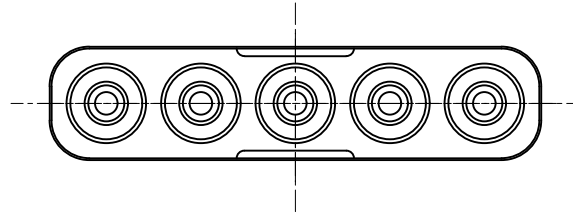
How to Order

303C- 54 12 19 - 25 - XX

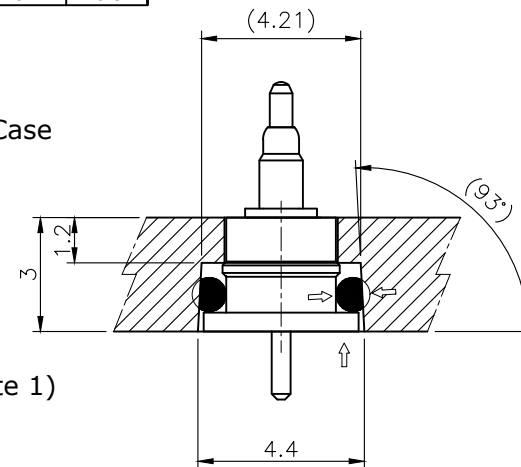
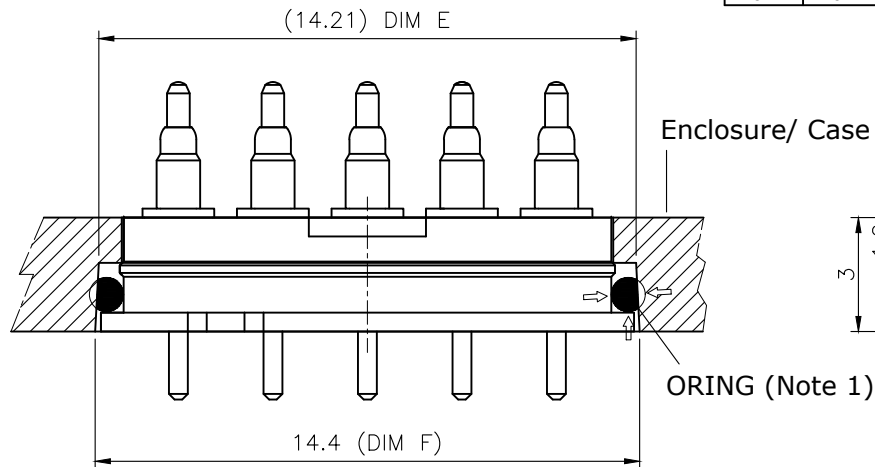
Barrel Height Full Stroke Pin Count Pitch Barrel Diameter

5	O-Rign	Silicone Rubber	
4	Spring	Stainless Steel	
3	Barrel	Brass, 2u" Gold/ 80u" Nickel Plating	
2	Pin	Brass, 40u" Gold/ 120u" Nickel Plating	
1	Housing	PPA 30%GF, UL94HB, Black	
NO.	PART NAME	DESCRIPTION	
UNLESS OTHERWISE SPECIFIED TOLERANCE			
UNIT: mm	DECIMAL	LINEAR	ANGLES
	X.	±0.50	±5°
	X.X	±0.25	±3°
	X.XX	±0.12	±1°
			 ATTEND
			WWW.ATTEND.COM.TW
DRAWN	Fros	2016/03/30	DRAWN NAME: Pogo Pin Waterproof, IP67, XX Pin H6.6, Pitch 2.5mm, DIP, 40u", Black
CHECKED	Amy	2016/03/30	
APPROVED	Ken	2016/03/30	PRODUCT NO. 303C-541219-25-XX
	SCALE 5/1	SHEET 1/4	SIZE A4
FILE NAME		303C-541219-25-XX_B_5	

Installation suggestions : Type 1



DIM. CODE		
PIN	E	F
2	6.71	6.9
3	9.21	9.4
4	11.71	11.9
5	14.21	14.4
6	16.71	16.9
7	19.21	19.4
8	21.71	21.9
9	24.21	24.4
10	26.71	26.9



Gland seal notes:

1. Compression Ratio: 5% < target 20% < 30%
2. Gland Fill: 50% < target 70% < 90%

UNLESS OTHERWISE SPECIFIED TOLERANCE				 ATTEND	
UNIT: mm	DECIMAL	LINEAR	ANGLES		
	X.	±0.50	±5°		
	X.X	±0.25	±3°		
	X.XX	±0.12	±1°		
				WWW.ATTEND.COM.TW	
DRAWN		Fros	2016/03/30	DRAWN NAME: Pogo Pin Waterproof, IP67, XX Pin H6.6, Pitch 2.5mm, DIP, 40u", Black	
CHECKED		Amy	2016/03/30		
APPROVED		Ken	2016/03/30	PRODUCT NO.	303C-541219-25-XX
		SCALE 5/1	SHEET 2/4	SIZE A4	FILE NAME 303C-541219-25-XX_B_5



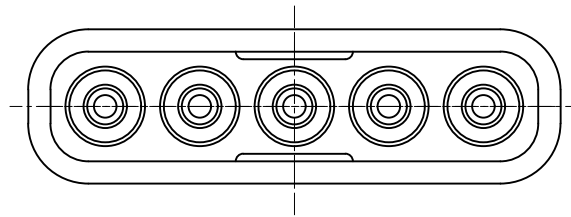
WWW.ATTEND.COM.TW

DRAWN NAME:
Pogo Pin Waterproof, IP67, XX Pin H6.6, Pitch 2.5mm, DIP, 40u", Black

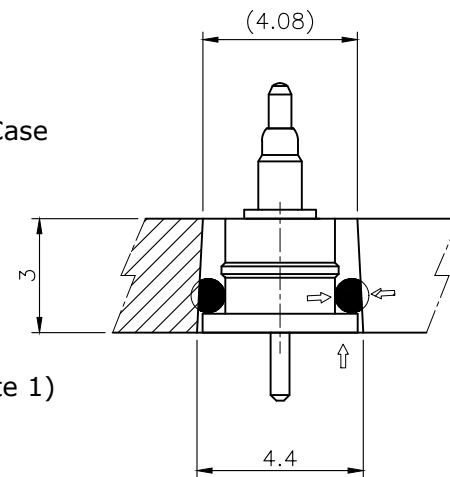
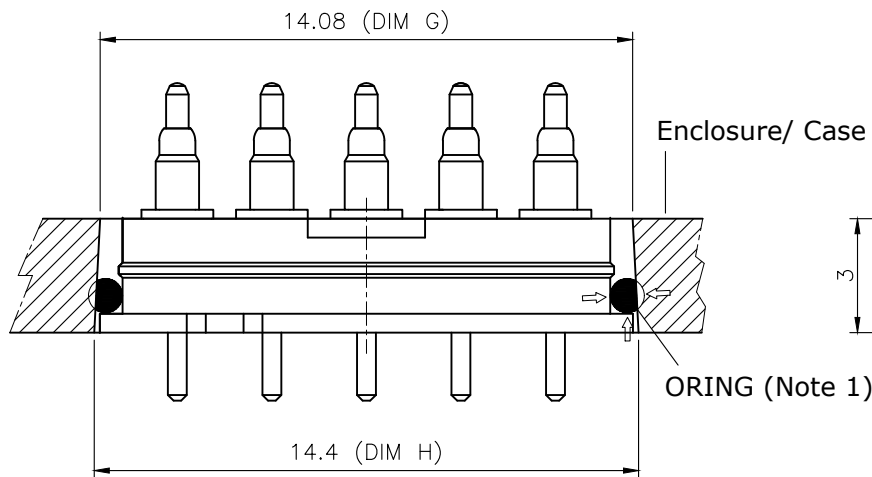
PRODUCT NO. 303C-541219-25-XX

FILE NAME 303C-541219-25-XX_B_5

Installation suggestions : Type 2



DIM. CODE		
PIN	G	H
2	6.58	6.9
3	9.08	9.4
4	11.58	11.9
5	14.08	14.4
6	16.58	16.9
7	19.08	19.4
8	21.58	21.9
9	24.08	24.4
10	26.58	26.9



UNLESS OTHERWISE SPECIFIED TOLERANCE					 ATTEND	
UNIT:	DECIMAL	LINEAR	ANGLES			
	X.	±0.50	±5°			
	X.X	±0.25	±3°			
	X.XX	±0.12	±1°			
mm					WWW.ATTEND.COM.TW	
DRAWN		Fros	2016/03/30		DRAWN NAME:	
CHECKED		Amy	2016/03/30		Pogo Pin Waterproof, IP67, XX Pin H6.6, Pitch 2.5mm, DIP, 40u", Black	
APPROVED		Ken	2016/03/30		PRODUCT NO.	303C-541219-25-XX
		SCALE 5/1	SHEET 3/4	SIZE A4	FILE NAME	303C-541219-25-XX_B_5
		8		9		10



WWW.ATTEND.COM.TW

DRAWN NAME:
Pogo Pin Waterproof, IP67, XX Pin H6.6, Pitch 2.5mm, DIP, 40u", Black

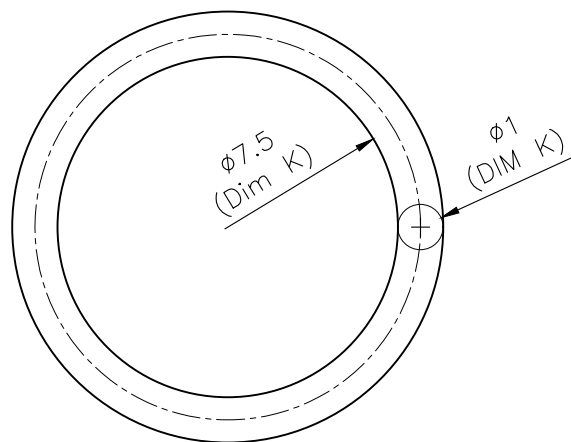
PRODUCT NO. 303C-541219-25-XX

FILE NAME 303C-541219-25-XX_B_5

Note 1:

ORING P/N: see table

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



Pin Count	Part Number	Dim. K
2	303-0003	ID 3.8 * 1.0
3	303-0004	ID 5.0 * 1.0
4	303-0005	ID 6.2 * 1.0
5	303-0001	ID 7.5 * 1.0
6	303-0006	ID 8.5 * 1.0
7	303-0007	ID 10.0 * 1.0
8	303-0008	ID 11.0 * 1.0
9	303-0009	ID 12.2 * 1.0
10	303-0010	ID 14.0 * 1.0

UNLESS OTHERWISE SPECIFIED TOLERANCE				 ATTEND	
UNIT:	DECIMAL	LINEAR	ANGLES		
	X.	±0.50	±5°		
	X.X	±0.25	±3°		
	X.XX	±0.12	±1°		
mm				WWW.ATTEND.COM.TW	
DRAWN	Fros	2016/03/30	DRAWN NAME: Pogo Pin Waterproof, IP67, XX Pin H6.6, Pitch 2.5mm, DIP, 40u", Black		
CHECKED	Amy	2016/03/30	PRODUCT NO. 303C-541219-25-XX		
APPROVED	Ken	2016/03/30	FILE NAME 303C-541219-25-XX_B_5		
	SCALE 5/1	SHEET 4/4	SIZE A4		