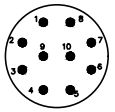
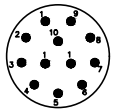
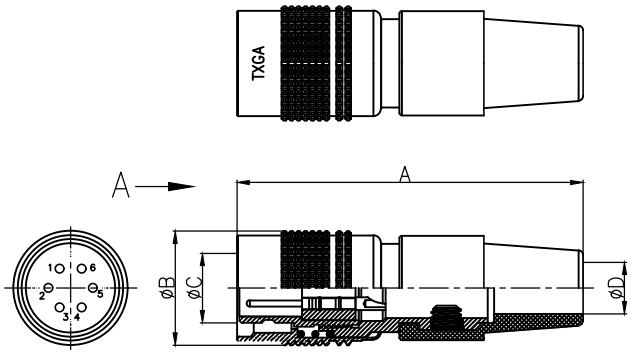
4circuits	5circuits	6circuits	10circuits	12circuits
				

VIEW A

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD



Specifications	Circuits	A	ØB	ØC	D
FAPFAP03–04P101WS00	4	35.0	11.5	7.0	5.0
FAPFAP03–05P101WS00	5	35.0	11.5	7.0	5.0
FAPFAP03–06P101WS00	6	35.0	11.5	7.0	5.0
FAPFAP03–10P101WS00	10	42.7	15.0	9.5	9.5
FAPFAP03–12P101WS00	12	42.7	15.0	9.5	9.5

SPECIFICATION:

1.Electrical:
- 1.1.Rated Current: 2A
- 1.2.Rated Voltage: AC150V/DC200V (4circuits)
  AC100V/DC140V (5/6/10/12circuits)
- 1.3.Insulation resistance: ≥100MΩ
- 1.4.Contact resistance: ≤10mΩ
- 1.5.Withstanding voltage: AC 300V for 1 minute (4circuits)
  AC 500V for 1 minute (5/6/10/12circuits)
  No flashover or dielectric breakdown.

2.Material and Plating:
- 2.1.Insulation Material : PA66(UL 94V–0)
- 2.2.Exterior Material : Brass/ Zinc alloy, Nickel–plated
- 2.3.Contact: Copper alloy

3.Mechanical properties:
- 3.1.Mating Cycles: 1,000 times Contact resistance : 15mø min.

4.Temperature parameters:
- 4.1.Rated temperature: –25℃~+85℃
- 4.2.Temperature cycle: –55℃: 30minutes Normal temperature:10 to 15 minutes
  85℃: 30minutes Normal temperature:10 to 15minutes, left for 5 cycles. Insulation resistance:1,000MΩ min.
- 4.3.Humidity resistance: Temperature : 40℃ relative humidity: 90 to 95%, left for 96 hours
  5MΩ min. (at high humidity); 50MΩ min. (at dry)

5. "Contact insertion component/shielding claw/screw/black plastic wire sleeve/push–pull shell component" 1pcs PE bag
6. "4/5/6" 200pcs per bag, 600pcs per box
   "10/12" 100pcs per bag, 600pcs per box

Ordering Information

FAPF (1) A (2) P (3) 03 (4) – XX (5) P (6) 1 (7) 01 (8) W (9) S (10) 00

1 Category: FAPF–APF Circular Connector
2 Category: A–Push–pull lock
3 Style: P–Plug
4 Distinction num: 03
5 Circuits: 04–4Circuits; 05–3Circuits; 06–6Circuits; 10–10Circuits; 12–12Circuits
6 Contact: P–pin
7 Contact plating: 1–Gold plated
8 Contact plating thickness: 01–0.025μm
9 Wiring type: W–Soldering
10 Shielded: S–Shielded

THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY	DATE	PART NO.	ITEM NO.
			LEO	08/Nov/24	FAPFAP03–XXP101WS00	FAPFAP03
DESIGN UNITS METRIC	X. ±0.30	X.° ±5°	CHECKED BY	DATE	TITLE	
	X.X ±0.20	X.X° ±2°	GISELLE	08/Nov/24	Push pull male plug, shielded, soldering, 4/5/6/10/12 circuits	
SCALE 1:1 / SIZE A4	X.XX ±0.15	X.XX° ±1°	DRAWN BY	DATE		
	X.XXX ±0.10	X.XXX° ±0.5°	King	08/Nov/24		

TXGA Building Technology Cornerstone

REV 0 | SHEET NO. 1/1

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