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SPECIFICATION

MATERIAL

Insulator: PA66 (GF 15%) UL94 V-0
Contacts: BRASS ALLOY (C3200-EH)
Shell: BRASS (C3600-EH)

O-Ring: NBR UL94 V-0

CONTACT PLATING

Underplate: 50u"-100u" Nickel
Contact: 3u" Selective gold

ELECTRICAL

Operation Current: Values at 40°C 8 pole = 2A

Current Voltage: 60V.

Contact resistance: IEC 60512 Test 2A MAX.20mΩ

Insulation resistance: Test voltage 500V. D.C. IEC60512 Test 3A
≥1000mΩ

Voltage Proof: IEC 60512 TEST 4A 1.4 kV

Temperature range: -20°C TO +85°C

Mating cycles: IEC 60512 TEST 9a max. speed of operations=
10m/s rest 30s unmated 100 times

Part no.

WFP XX F X X D2 N X X 3 FG-X

1 2 3 4 5 6 7 8 9 10 11

1.SERIES NO.

WFP=Water Proof CONN.

2.CONTACT NUMBER:

04=4 PINS.~12=12 PINS.

3.CONTACT TYPE:

F=FEMALE

4.CONTACT AREA PLATING:

S=1u" GOLD

D=30u" GOLD

5.SOLDER TAILS AREA PLATING:

S=1u" GOLD

D=30u" GOLD

6.APPLY TYPE:

D2=Panel Mount

7.SHELL PLATING:

N=Nickel

8.TYPE:

A=A-Code

D=D-Code

9.PACKING STYLE:

A=TRAY

D=BAG

10.INSULATOR COLOR:

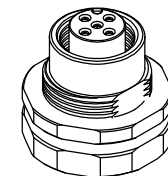
3=Black

11.GREEN OPTION:

FG-X=Standard

E=RoHS (Bright)

F=RoHS (Matte)



For SIP

For CmK/Cpk

UNLESS OTHERWISE SPECIFIED TOLERANCE	
ANG.	±2°
0.	±0.30
.0	±0.20
.00	±0.10

SCALE: AS SHOWN UNIT: mm

DRAWN JG 01/04/2018

CHECKED

APPROVED

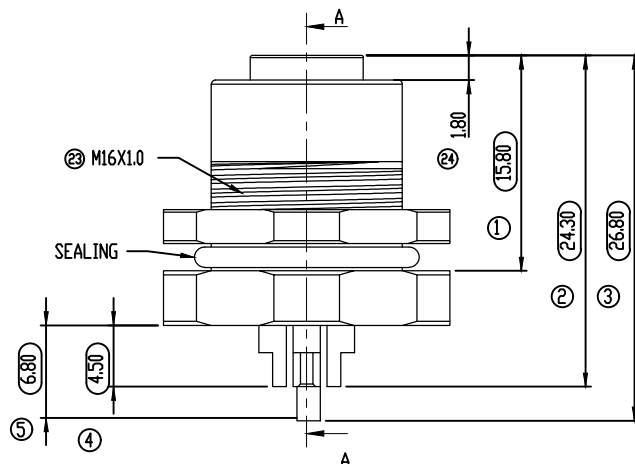
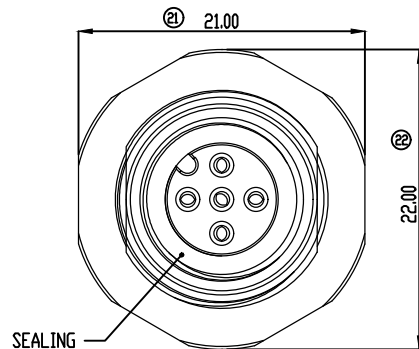
SIZE A4 REV. B

AP APTOS
TECHNOLOGY

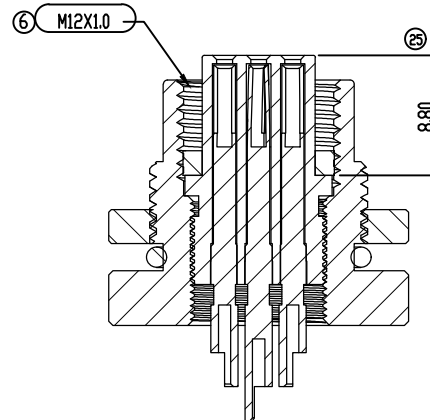
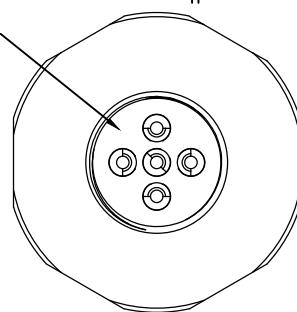
DRAWING NAME: M12 Panel Mount Female Conn. PAGE 1/2

PRODUCT NO. WFP-XXFXXD2NXX3FG-X

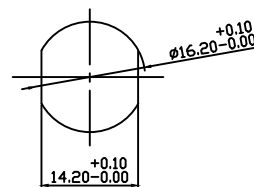
FILE NAME: WFP-XXFXXD2NXX3FG-X.dwg



Epoxy

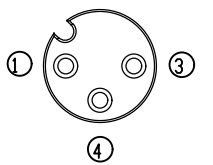
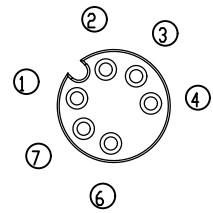
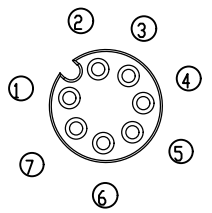
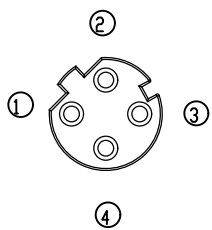
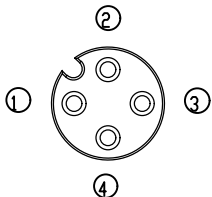
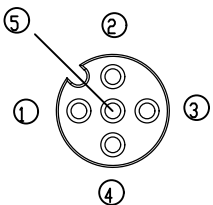
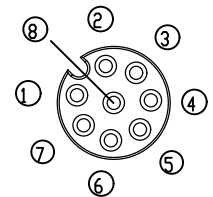
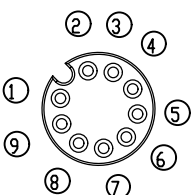
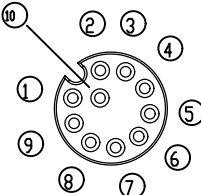
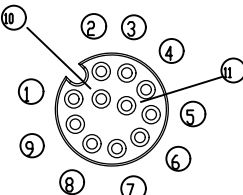
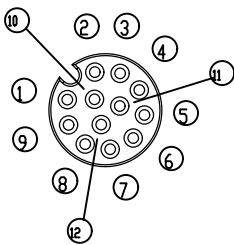


Section A-A



Recommended Panel Cut- Out

REV.	DESCRIPTION	DATE	7	8	9	10

	1	2	3	4	5	6	7	8	9	10																																				
G	A-CODE 2~5 PIN				A-CODE 6~8 PIN			D-CODE 4 PIN																																						
	 WFP-02FXXD2NAX3FG-X		 WFP-03FXXD2NAX3FG-X		 WFP-06FXXD2NAX3FG-X		 WFP-07FXXD2NXX3FG-X		 WFP-04FXXD2NDX3FG-X																																					
	 WFP-04FXXD2NAX3FG-X		 WFP-05FXXD2NAX3FG-X		 WFP-08FXXD2NAX3FG-X																																									
F																																														
E																																														
D																																														
C	A-CODE 9~12 PIN																																													
	 WFP-09FXXD2NAX3FG-X		 WFP-10FXXD2NAX3FG-X		 WFP-11FXXD2NAX3FG-X		 WFP-12FXXD2NAX3FG-X		APTOS Technology CONFIDENTIAL This document, and all information it contains, are the confidential, proprietary property of APTOS Technology. Disclosure, duplication or distribution of this document, or any information it contains, in whole or part, without prior written permission from APTOS Technology is strictly prohibited																																					
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