

MOLD TYPE

MOLD NO.

ITEM

CONN 1 OVERMOLD

CPO0301

3

REV.

ECN NO.

DATE

BY

DESCRIPTION

A

Sep/29/2022

Nova Miao

RELEASED

B

Nov/02/2022

Nova Miao

ADD MATERIAL & CHANGE CUSTOMER REV.

RoHS

CONN 1

INSTALL

5000.0^{+300.0}_{-0.0}

31.75^{+3.0}₋₀

51.8±0.8

35.0±0.5

15.0±5.0

820-104880-3 Type-3 YYWW

SEE NOTES "3"

SEE DETAIL "A"

OD=16.0±0.5

2 ~ 8

1

BLACK

9

DRAIN WIRE

3.175^{+2.0}₋₀

HALF STRIP

P6

P8

P9

P5

P4

P7

P3

P10

P12

P2

P11

P1

CONN 1 ENLARGE FIGURE

WIRE RUN LIST

AWG	CONN 1	COLOR	
28*4P	11	BROWN	
	12	WHITE/BROWN	
	9	BLUE	
	10	WHITE/BLUE	
	6	GREEN	
	8	WHITE/GREEN	
	4	ORANGE	
	5	WHITE/ORANGE	
18*2C	1	RED	
	7	BLACK	
28*2C	2	YELLOW	
	3	PURPLE	
DRAIN	SHELL	DRAIN+BRAID	

820-104880-3 Type-3 YYWW

DETAIL "A"

NOTES:

1. TESTING SPEC.:
COND. RESISTANCE: 3Ω
INSUL. RESISTANCE: 10MΩ
RESISTANCE VOLTAGE: 200V DC.
2. CONN1 MEET IP67, IPX8(1M/2H), IP69K; 40~45kPa/10S, LEAK 0.05kPa MAX.
3. LASER MARK "820-104880-3 Type-3 YYWW", TEXT TO BE LEGIBLE, NO LESS THAN 4.0mm HIGH.
4. POWER PIN RATED CURRENT (25°C): 3A @ 12V DC FOR UL2238.
5. RoHS COMPLIANCE.

1. WW: WEEK(E.G.: 01-52)
2. YY: YEAR(E.G.: 00-99)

12

11

13

LDPE

PACKING

13.

A/R

MINI TIE:C:BLACK(A0080000000SD)

12.

1

ZIPPER BAG

11.

1

AIR BUBBLE BAG,50*80,50(A0145002200SD)

10.

1

DUST CAP FOR CABLE SIDE (A9858938)

9.

A/R

TUBE,Q0.8,BLACK

8.

1

WASHER, OD=14.54, ID=13.5, T=2.1, RED (A50200603001SD)

7.

A/R

TUBE,UL,1.5Q,BLACK,ID=2.0,T=0.2(A53500047002SD)

6.

A/R

PU ADHESIVE, HARDENER300M (A01700102001SD)

5.

A/R

PU ADHESIVE, PU552FL, POLYETHER, BLACK, 15-25℃ (A01700105001SD)

4.

A/R

COPPER FOIL,W=6,T=0.06 (A4060031100SD)

3.

A/R

TPU,94A,BLACK,UL94V-0,GRECO,3095A-FR (A51100051001SD)

2.

1

SUS,CONN.,M,M11,12P,SOLDER TYPE,A CODE(CCA5-12MF-KPSO-H6)

1.

A/R

CABLE,UL21411,28AWG*4P+AM+28AWG*2C+18AWG*2C+F+AM+D+B, OD=8.2mm,125℃ 300V,XL-PE (A8920937-D)

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CUSTOMER:

Ouster

CUSTOMER P/N:

820-104880

REV.

3

DESCRIPTION:

SUS_T3_5M pigtail

PART NUMBER:

A9858841-D

REV.

B

UNLESS OTHERWISE SPECIFIED TOLERANCE:

1 ~ 10 : ±1
11 ~ 30 : ±2
31 ~ 50 : ±3
51 ~ 200 : ±5
201 ~ 400 : ±7
> 401 : ±10
ANGLES : ±1°

DRA.

Nov/02/2022

Nova Miao

CHK.

Nov/02/2022

Jay Wen

APR.

Nov/02/2022

Lucy Qin

SIZE

A3

UNIT

mm

SCALE

NONE

SHEET

1 of 1

GDP-D-071 A