

4

3

2

1

LENGTH TABLE	
PART NUMBER	LENGTH (METERS)
AT04GY-2P-N-TPE-M1	1 (3.28FT)
AT04GY-2P-N-TPE-M2	2 (6.56FT)
AT04GY-2P-N-TPE-M4	4 (13.12FT)
AT04GY-2P-N-TPE-M5	5 (16.40FT)
AT04GY-2P-N-TPE-M10	10 (32.80FT)

CONNECTOR TYPE

AT - Amphenol AT Connector

PLEASE CONTACT CSR FOR ADDITIONAL AVAILABLE OPTIONS

DESIGN

04 Male Connector

06 Female Connector

POSITIONS

2 2 Pin

3 3 Pin

4 4 Pin

6 6 Pin

8 8 Pin

12 12 Pin

DESIGN

5 Female Connector

P Male Connector

COLORS

GY - GRAY

BK - BLACK

BN - BROWN

YL - YELLOW

RD - RED

GN - GREEN

WT - WHITE

BL - BLUE

ORG - ORANGE

NOTE: 8 & 12 WAY ARE ONLY AVAILABLE IN STANDARD KEY/COLOR CONFIGURATIONS.

KEY A - GRAY

KEY B - BLACK

KEY C - GREEN

KEY D - BROWN

AT04GY-2P-N-TPE-M2

CABLE LENGTH (M = METERS)

1 = 1M

2 = 2M

4 = 4M

5 = 5M

10 = 10M

CUSTOM CABLE LENGTH OPTIONS AVAILABLE. CONTACT CSR.

CABLE TYPE

TPE - TPE, BLACK

LED/SUPPRESSOR CIRCUIT

N - NONE

S - LED/SUPPRESSOR DIODE(2POSITION)

FACE VIEW

0.7in [17mm]

2.3in [58mm]

1in REF

0.9in [22mm]

LENGTH (Mx)

2in [51mm]

.23in [REF]

1/4in [6.3mm]

AT04GY-2P-N-TPE-M()

METERS

WWW.AMPHENOL-SINE.COM

WIRING DIAGRAM

1 WHITE 18AWG

2 BLACK 18AWG

BEFORE OVERMOLD

AFTER OVERMOLD

NOTES: UNLESS OTHERWISE SPECIFIED

1. MATERIAL:

HOUSING: PA66

SEAL: SILICONE RUBBER

2. MODIFICATIONS: OVERMOLDED

3. SPECIFICATIONS:

3.1 CURRENT RATING: 15AMPS - 300V AC/DC

3.2 OVERMOLDED ASY OPERATING TEMPERATURE: -40C TO +100C

3.3 DIELECTRIC WITHSTANDING VOLTAGE: LESS THAN 2 MILLIAMPS CURRENT LEAKAGE @ 1500 VOLTS AC.

3.4 INSULATION RESISTANCE: 1000 MEGAOHMS MIN @ 25C

3.5 MOISTURE RESISTANCE: IP68 MATED CONDITION (1M OF WATER FOR 24 HOURS).

3.6 MATING CYCLE DURABILITY: 100 CYCLES

3.7 RoHS COMPLIANT

4. CABLE SPECIFICATIONS:

COMPONENTS: TWO 18AWG, SRPVC INSULATED CONDUCTORS 41/34 BARE COPPER.

CONDUCTOR INSULATION: SRPVC (SEE COLOR CODE)

PAIR TWIST: 2 CONDUCTORS CABLED TOGETHER WITH FRPP FILLERS

BINDER: FLEECE TAPE

JACKET: TPE, BLACK

PRINT: AMPHENOL SINE SYSTEMS KA-56764-2 2C 18AWG (UL FILE NUMBER) RU AWM 21270 105C 600V --- (CSA FILE NUMBER) CSA AWM I/II A/B -40C TO +105C 600V FT4

APPROVALS: AWM 21270, CSA AWM I/II A/B FT4, SUNLIGHT RESISTANT, OIL R ESISTANT, MATERIALS ARE RoHS 3 COMPLIANT.

5. MATING PART: AT06-2S* PLUG

(* = MODIFICATIONS AND COLORS)

6. ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.

QUANTITY

PART NUMBER

DESCRIPTION

ITEM

UNLESS OTHERWISE SPECIFIED

1) All dimensions are in metric(mm).

2) Tolerances are as follows:

1 PL DEC ±0.30

2 PL DEC ±0.15

3 PL DEC ±0.08

Fractions ±1/64

Angles ±1°

3) Note reference =

SIGNATURES

DATE

DRAWN: RO 11/5/2020

CHECKED: WS 1/15/2021

ENGINEER: RO

APPROVAL: WS 1/15/2021

MATERIAL SPECIFICATIONS:

CUSTOMER:

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PROCESS SPECIFICATIONS:

NEXT ASSY:

Amphenol

Sine Systems - www.amphenol-sine.com

44724 Morley Drive

Clinton Township, MI 48036

2 POS RECEP MOLDED, BLK TPE, SNGL ENDED CBL ASSY, AMPHENOL AT CONN AT04-2P

SIZE C C-

TYPE C-

DWG NO: AT04GY-2P-N-TPE-Mx

REVISION A1

SCALE: NONE

AT04GY-2P-N-TPE-Mx

SHEET 1 OF 1

Mouser Electronics

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