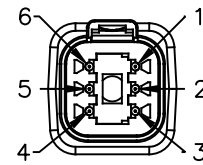
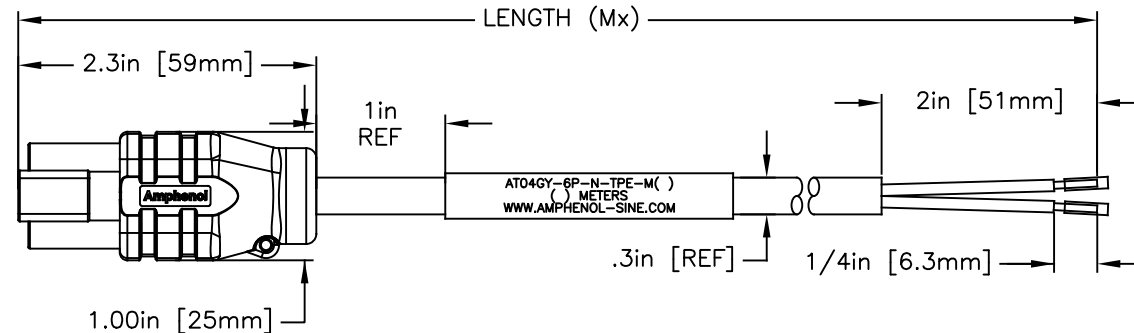
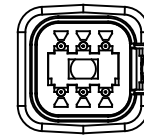
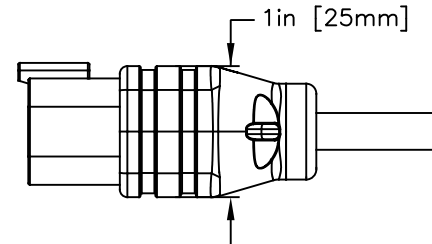


LENGTH TABLE	
PART NUMBER	LENGTH (METERS)
AT04GY-6P-N-TPE-M1	1 (3.28FT)
AT04GY-6P-N-TPE-M2	2 (6.56FT)
AT04GY-6P-N-TPE-M4	4 (13.12FT)
AT04GY-6P-N-TPE-M5	5 (16.40FT)
AT04GY-6P-N-TPE-M10	10 (32.80FT)







REVISIONS						
REV	ZONE	ECO	DESCRIPTION	DATE	BY	APPR
A1	-	-	RELEASED	11/27/2020	RO	WS

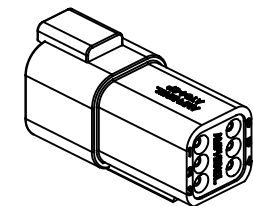


FACE VIEW

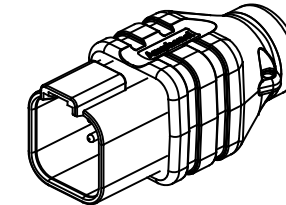


WIRING DIAGRAM

1		BLACK 18AWG
2		WHITE 18AWG
3		BROWN 18AWG
4		RED 18AWG
5		ORANGE 18AWG
6		YELLOW 18AWG



BEFORE OVERMOLD



AFTER OVERMOLD


TITLE:

DWG NO:

REV:	
------	--

SH:

OF:

QUANTITY	PART NUMBER	DESCRIPTION		ITEM								
MATERIALS LIST												
UNLESS OTHERWISE SPECIFIED		<div>Amphenol</div> <div>Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036</div> <div>6 POS RECEP MOLDED, BLK TPE, SNGL- ENDED CBL ASSY, AMPHENOL AT CONNECTOR AT04-6P</div>										
1) All dimensions are in metric(mm).												
2) Tolerances are as follows:												
1 PL DEC ±0.30												
3 PL DEC ±0.15												
3 PL DEC ±0.08												
3) Note reference = 												
MATERIAL SPECIFICATIONS:		<table><tr><td>SIZE</td><td>TYPE</td><td>DWG NO:</td><td>REVISION</td></tr><tr><td>C</td><td>C-</td><td>AT04GY-6P-N-TPE-Mx</td><td>A1</td></tr></table>			SIZE	TYPE	DWG NO:	REVISION	C	C-	AT04GY-6P-N-TPE-Mx	A1
SIZE	TYPE				DWG NO:	REVISION						
C	C-				AT04GY-6P-N-TPE-Mx	A1						
PROCESS SPECIFICATIONS:												
NEXT ASSY:												
SIGNATURES		DATE										
DRAWN: RO		11/5/2020										
CHECKED: WS		1/15/2021										
ENGINEER: RO												
APPROVAL: WS		1/15/2021										
CUSTOMER:												
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NOTES: UNLESS OTHERWISE SPECIFIED

1. MATERIAL:
HOUSING: PA66
SEAL: SILICONE RUBBER
2. MODIFICATIONS: OVERMOLDED
3. SPECIFICATIONS:
 - 3.1 CURRENT RATING: 10AMPS - 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: SIX 18AWG, SRPVC INSULATED CONDUCTORS
41/34 BARE COPPER.
CONDUCTOR INSULATION: SRPVC (SEE COLOR CODE)
CABLING: 6 CONDUCTORS CABLED TOGETHER WITH FRPP FILLERS
BINDER: FLEECE TAPE
JACKET: TPE, BLACK
PRINT: AMPHENOL SINE SYSTEMS KA-56764-6 6C 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
RESISTANT, MATERIALS ARE RoHS 3 COMPLIANT.
5. MATING PART: AT06-6S* PLUG
(* = MODIFICATIONS AND COLORS)
6. ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.

CONNECTOR TYPE
AT - Amphenol AT Connector
PLEASE CONTACT CSR FOR ADDITIONAL AVAILABLE OPTIONS

AT04GY-6P-N-TPE-M2

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 _____
S 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

- 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)

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Amphenol:](#)

[AT04GY-6P-N-TPE-M2](#)