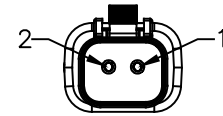
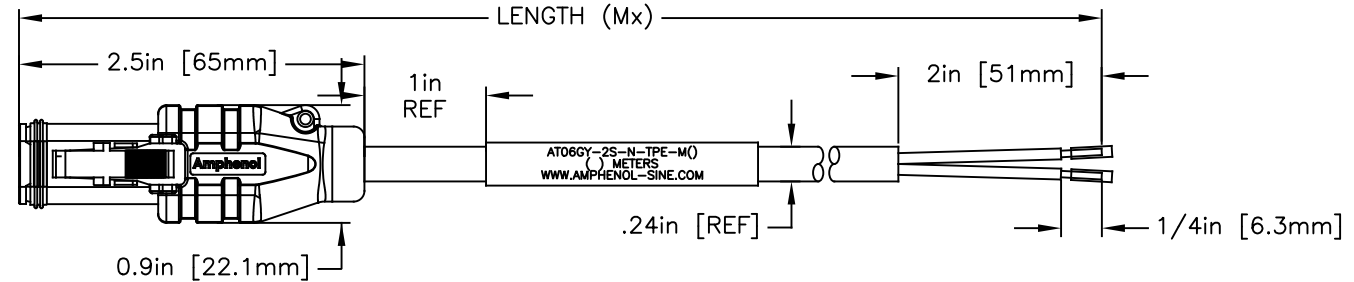
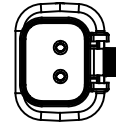
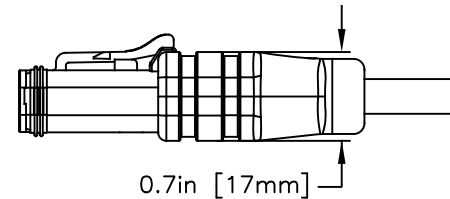


LENGTH TABLE	
PART NUMBER	LENGTH (METERS)
AT06GY-2S-N-TPE-M1	1 (3.28FT)
AT06GY-2S-N-TPE-M2	2 (6.56FT)
AT06GY-2S-N-TPE-M4	4 (13.12FT)
AT06GY-2S-N-TPE-M5	5 (16.40FT)
AT06GY-2S-N-TPE-M10	10 (32.80FT)

REVISIONS						
REV	ZONE	ECO	DESCRIPTION	DATE	BY	APPR
A1	-	-	RELEASED	11/5/2020	RO	WS



FACE VIEW



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

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

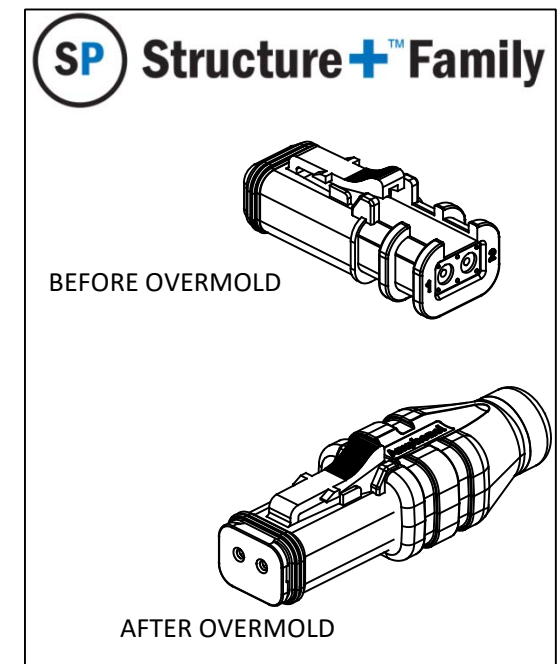
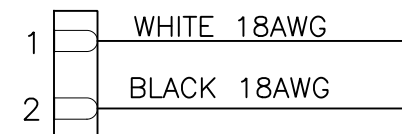
KEY D - BROWN

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 -40C TO +105C 600V --- (CSA FILE NUMBER) CSA AWM I/II A/B
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: AT04-2P* RECEPTACLE
(* = MODIFICATIONS AND COLORS)
6. ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.

WIRING DIAGRAM



QUANTITY	PART NUMBER	DESCRIPTION			ITEM
MATERIALS LIST					
UNLESS OTHERWISE SPECIFIED		SIGNATURES		DATE	Amphenol Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036
1) All dimensions are in metric(mm).		DRAWN:	RO	11/5/2020	
2) Tolerances are as follows:		CHECKED:	WS	1/15/2021	
1 PL DEC ±0.30 2 PL DEC ±0.15 3 PL DEC ±0.08		ENGINEER:	RO		
3) Note reference = 		APPROVAL:	WS	1/15/2021	
MATERIAL SPECIFICATIONS:		CUSTOMER:			
PROCESS SPECIFICATIONS:		THIS DRAWING IS SUPPLIED FOR INFORMATION ONLY. DESIGN FEATURES, SPECIFICATIONS AND PERFORMANCE DATA SHOWN HEREON ARE THE PROPERTY OF THE AMPHENOL CORPORATION. NO RIGHTS OF REPRODUCTION ARE IMPLIED. ALL DIMENSIONS ARE SUBJECT TO NORMAL MANUFACTURING VARIATIONS.			
NEXT ASSY:		SIZE	TYPE	DWG NO.	REVISION
		C	C-	AT06GY-2S-N-TPE-Mx	A1
		SCALE:	NONE	AT06GY-2S-N-TPE-Mx	SHEET 1 OF 1

Mouser Electronics

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[AT06GY-2S-N-TPE-M1](#)