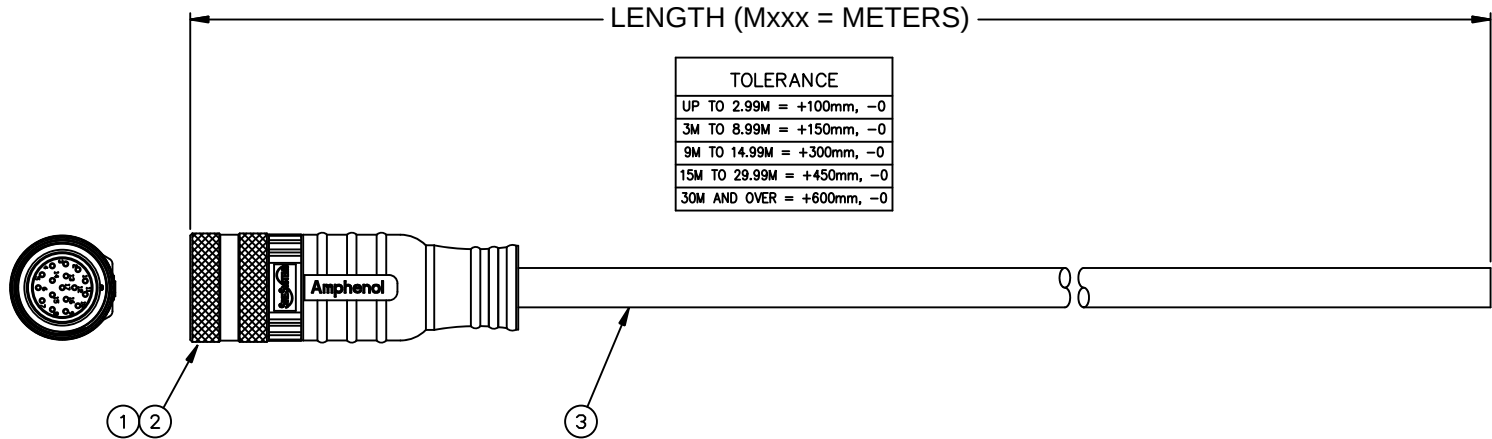


REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
B1	-	TECHNICAL DATA SHEET RELEASE	-	-	-



1	BLACK 28AWG
2	WHT/BLK 28AWG
3	RED 28AWG
4	WHT/RED 28AWG
5	GREEN 28AWG
6	WHT/GRN 28AWG
7	BROWN 28AWG
8	WHT/BRN 28AWG
9	GRAY 16AWG
10	WHT/GRY 16AWG
11	ORANGE 22AWG
12	WHT/ORG 22AWG
13	BLUE 28AWG
14	WHT/BLU28AWG
15	YELLOW 28AWG
16	WHT/YEL 28AWG
17	DRAIN 28AWG
	SHIELD

ROCKWELL P/N	AMPHENOL P/N
2090-XXNFMF-Sxx	P29166-Mxx
2090-XXNFMF-S03	P29166-M3
2090-XXNFMF-S09	P29166-M9
2090-XXNFMF-S15	P29166-M15

TECHNICAL DATA:

- 1) MATERIALS:
- CONNECTOR: MA1CAP1700
- OVERMOLD: TPE
- CABLE: KA-56133
- 2) ELECTRICAL:
- INSULATION RESISTANCE (MIN): 5000M OHMS
- DIELECTRIC TEST VOLTAGE: 2200V
- 3) MECHANICAL (CONNECTOR):
- TEMPERATURE RANGE: -40°C TO 105°C
- PROTECTION: IP67 (MATED CONDITION)
- MATING CYCLES: >500
- VIBRATION RESISTANCE PER MIL-STD-202 METHOD 204
- THERMAL SHOCK PER MIL-STD-202 METHOD 207
- 48 HOUR SALT SPRAY PER MIL-STD-202 METHOD 101
- 4) RoHS COMPLIANT



DO NOT SCALE DRAWING

AS REQ'D	KA-56133	CABLE, 16G-1PR, 22G-1PR, 26G-7PR, SHLD	3
17	SC000013	CONTACT	2
1	MA1CAP1700	CONNECTOR, 17 PIN	1
	PART NUMBER	DESCRIPTION	ITEM
QUANTITY	MATERIALS LIST		
UNLESS OTHERWISE SPECIFIED		SIGNATURES	DATE
1) All dimensions are in metric(mm).		DRAWN: MRF	02OCT15
2) Tolerances are as follows:		CHECKED: MRF	02OCT15
1 PL DEC ±0.30		ENGINEER: MRF	
2 PL DEC ±0.15		APPROVAL: MRF	02OCT15
3 PL DEC ±0.08		CUSTOMER:	
3) Note reference =		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.	
MATERIAL SPECIFICATIONS:		CABLE ASSEMBLY, FEEDBACK	
PROCESS SPECIFICATIONS:		SIZE	TYPE
NEXT ASSY:		DWG NO:	REVISION
		SCALE: NONE	P29166-Mxx B1
		C-P29166	SHEET 1 OF 1

TITLE:

CABLE ASSEMBLY

DWG NO:

C-P29166-Mxx

REV: B1

SH: 1

OF: 1

Mouser Electronics

Authorized Distributor

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[Amphenol:](#)

[P29166-M90](#)