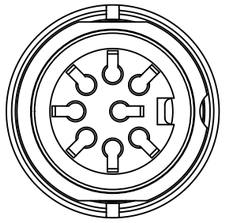
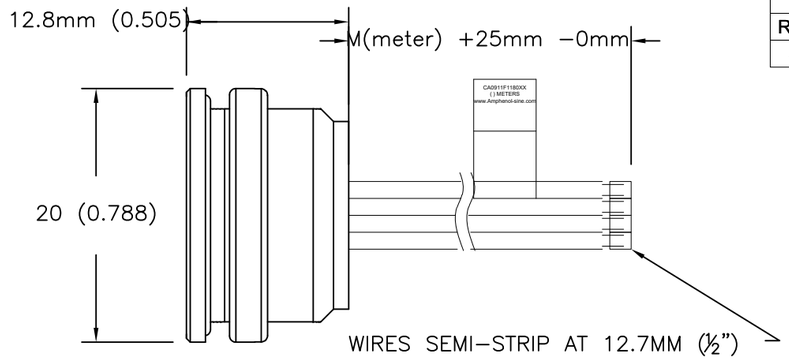
PART NUMBER	LENGTH (METERS)
CA0911F118003	0.3M (0.98 FEET)
CA0911F118005	0.5M (1.64 FEET)
CA0911F118010	1M (3.28 FEET)

REVISIONS						
REV	ZONE	ECO	DESCRIPTION	DATE	BY	APPR
A1	-	-	TECHNICAL DATA SHEET RELEASE	20-JULY-17	RO	-



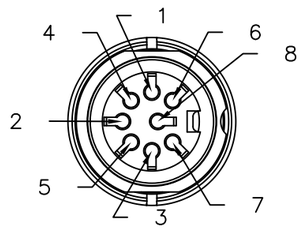
FEMALE RECEPTACLE



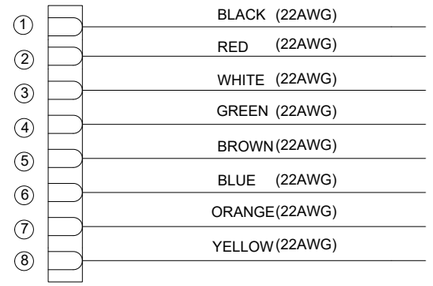
CAN BE USED WITH MATING MALE CABLE # CA0911A800801012

CONTACT YOUR DISTRIBUTOR FOR OTHER MATING OPTIONS

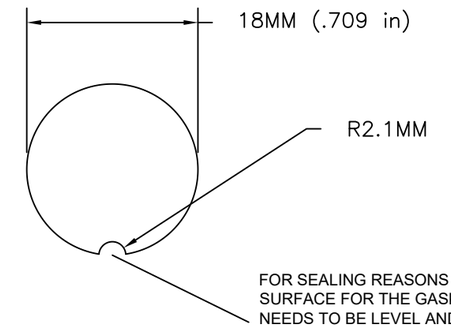
WIRING DIAGRAM



FACE VIEW



INSTALLATION NOTES & PANEL CUTOUT



FOR SEALING REASONS THE SURFACE FOR THE GASKET NEEDS TO BE LEVEL AND FREE OF BURRS.

PANEL THICKNESS: MAX 3.5MM

TIGHTENING TORQUE 0.7NM

RECOMMENDED TOOL: N450910001

1) MATERIALS:
- COUPLING NUT: ZINC DIE CAST
- INSULATION INSERT: THERMOPLASTIC
- CONTACT: SILVER PLATED
- WIRE RATING: 22 AWG, UL STYLE 1569 300V 105°C (AWM), CSA TYPE TR-64 300V 90°C, UL VW-1 FLAME TEST
- CABLE JACKET MATERIAL: PVC
- NUMBER OF CONDUCTORS: (8) 22AWG

2) CONNECTOR ELECTRICAL DATA:
- CURRENT (MAX): 7A AT 40°C
- VOLTAGE (MAX): 300V AC/DC
- INSULATION RESISTANCE: 100M OHMS PER IEC 60512-3-1
- RATED IMPULSE WITHSTAND VOLTAGE: 1200V

3) CONNECTOR MECHANICAL DATA:
- TEMPERATURE RANGE: -25°C TO +100°C
- PROTECTION: IP67/IP68 (PER MATED CONDITION)
- MATING CYCLES: >500

4) RoHS COMPLIANT

INDUSTRIAL@AMPHENOL TRUSTED GLOBALLY

	PART NUMBER	DESCRIPTION	ITEM
QUANTITY	MATERIALS LIST		

UNLESS OTHERWISE SPECIFIED
1) All dimensions are in metric(mm).
2) Tolerances are as follows:
1 PL DEC ±0.30 | Fractions ±1/64
2 PL DEC ±0.15 | Angles ±1°
3 PL DEC ±0.08
3) Note reference = X

MATERIAL SPECIFICATIONS:

PROCESS SPECIFICATIONS:
IPC-WHMA-A-620

NEXT ASS'Y:

SIGNATURES		DATE
DRAWN:	RO	6-JUNE-17
CHECKED:	AA	8-JUNE-17
ENGINEER:	RO	
APPROVAL:	WS	13-JUNE-17

CUSTOMER:

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Amphenol

Sine Systems - www.amphenol-sine.com
44724 Morley Drive
Clinton Township, MI 48036

C091 (M16) POS FEMALE RECEPTACLE 22AWG, 8C LEADS, UL1569 300V

SIZE	TYPE	DWG NO:	REVISION
	C-	CA0911F1180XX	A1
SCALE: HALF		CA0911F1180XX	SHEET 1 OF 1

TITLE
DWG NO.
REV.
SIZE
SHT.
OF