

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

FEMALE RECEPTACLE

WIRING DIAGRAM

FACE VIEW

12.8mm (0.505)

20 (0.788)

M(meter) +25mm -0mm

WIRES SEMI-STRIP AT 12.7MM (1/2")

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

CAN BE USED WITH MATING MALE CABLE # CA0911A800801012

CONTACT YOUR DISTRIBUTOR FOR OTHER MATING OPTIONS

INSTALLATION NOTES & PANEL CUTOUT

18MM (.709 in)

R2.1MM

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

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 =			
MATERIAL SPECIFICATIONS:			
PROCESS SPECIFICATIONS:			
IPC-WHMA-A-620			
NEXT ASSY:			
SIGNATURES			
DATE			
DRAWN: RO			
6-JUNE-17			
CHECKED: AA			
8-JUNE-17			
ENGINEER: RO			
APPROVAL: WS			
13-JUNE-17			
CUSTOMER:			
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Sine Systems - www.amphenol-sine.com

44724 Morley Drive

Clinton Township, MI 48036

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

SIZE C- DWG NO: CA0911F1180XX REVISION A1

SCALE: HALF SHEET 1 OF 1