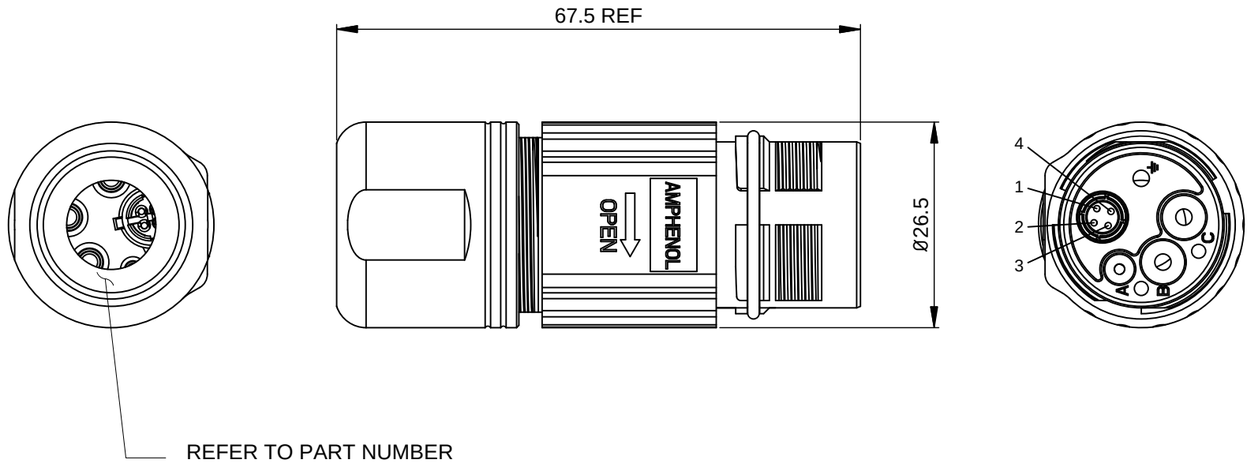
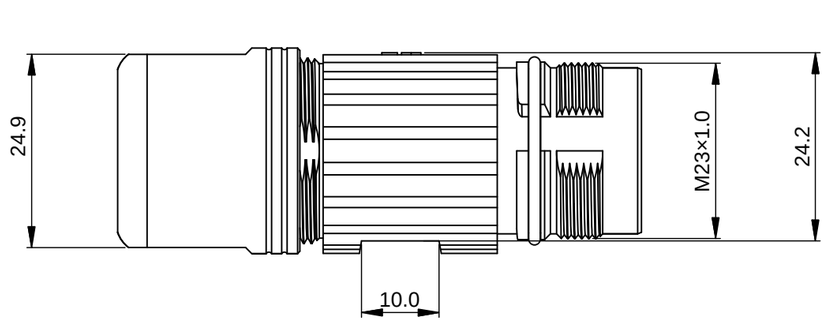
REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	-	RELEASE NUMBER	20JUN14	ORION	
A2	-	ADDED PIN NUMBERS	08DEC15	MRF	





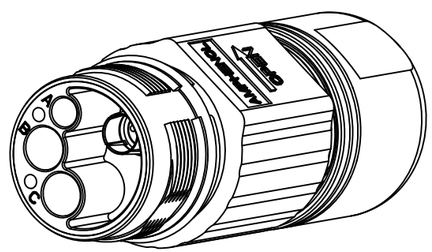
NOTES: UNLESS OTHERWISE SPECIFIED

1. MATERIAL:
   INSULATION INSERT: THERMOPLASTIC
   SEAL: VITON, EPDM
   HOUSING BODY: ZINC DIE CAST, NICKEL PLATED

2. SPECIFICATIONS:
   2.1 CURRENT RATING: 2.0MM: 18 AMPS;
   1.0MM: 1 AMPS;
   QUAD ELEMENT: 0.5 AMPS.
   2.2 VOLTAGE RATING: 2.0MM/1.0MM: 850V AC/DC;
   QUAD ELEMENT: 30V AC/DC.
   2.3 OPERATING TEMPERATURE: -20°C TO +130°C
   2.4 DIELECTRIC WITHSTANDING VOLTAGE: LESS THAN 2
   MILLIAMPS CURRENT LEAKAGE @ 2.0MM: 6000V;
   1.0MM: 1500V;
   QUAD ELEMENT: 500V.
   2.5 DEGREE OF PROTECTION: IP67 (MATED CONDITION)
   2.6 DEGREE OF POLLUTION: 3 PER UL840
   2.7 OVERVOLTAGE CATEGORY: III PER UL840
   2.8 MATING CYCLE DURABILITY: >500 CYCLES
   2.9 RoHS COMPLIANT

3. ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.

PART NUMBER CHART	
PART NUMBER	CABLE RANGE
MB3ZSN8HS1	7.5~11.0MM
MB3ZSN8HS2	11.0~14.0MM
MB3ZSN8HS3	14.5~17.0MM



3D VIEW

QUANTITY	PART NUMBER	DESCRIPTION	ITEM
	~~SEE PART NUMBER CHART~~		

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:

NEXT ASS'Y:

SIGNATURES		DATE
DRAWN:	ORION.LI	20JUN14
CHECKED:		
ENGINEER:		
APPROVAL:		
CUSTOMER:		

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Amphenol

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

RECEPTACLE, EXTENSION, STRAIGHT, HYBRID, THREADED

SIZE	TYPE	DWG NO:	REVISION
B	C-	MB3ZSN8HSx	A2

SCALE: NONE SHEET 1 OF 1

TITLE: RECEPTACLE, EXTENSION, STRAIGHT, HYBRID, THREADED
DWG NO: MB3ZSN8HSx
REV: A2
SH: 1
OF: 1