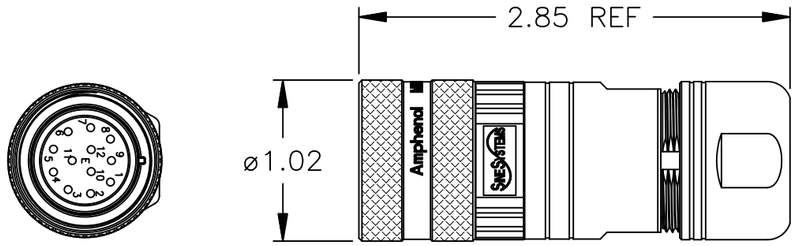
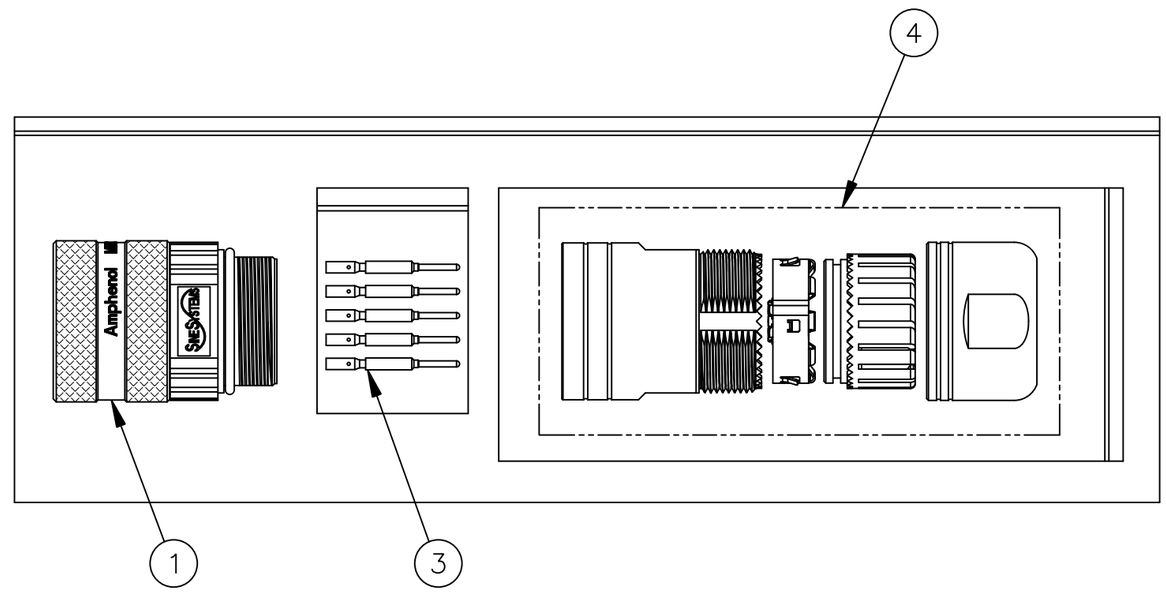
REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
01	–	CUSTOMER DRAWING	–	–	–



ASSEMBLED VIEW



NOTES:

1) CORD GRIP RANGE: 7.5mm TO 11mm
2) CONTACT BARREL RANGE: 18AWG TO 22AWG
3) RECOMMENDED CRIMP TOOLS:
   HAND CRIMPER: AFM8 AND SK2/2
   PNEUMATIC CRIMPER: WA22 AND SK2/2
4) EXTRACTION TOOL: 50–54931–1
5) ASSEMBLY INSTRUCTIONS: S3–15225
6) MATERIALS:
   HOUSING BODY: ZINC DIE CAST, NICKEL PLATED
   COUPLING NUT: BRASS, NICKEL PLATED
   INSULATION INSERT: PA66, UL94/V–0
   CONTACT: BRASS, GOLD PLATED
   SEALS: DUPONT VITON
7) ELECTRICAL DATA:
   a) CURRENT (MAX): 10A
   b) VOLTAGE (MAX): 160V AC/DC
   c) CONTACT RESISTANCE: <5 mOHMS
   d) TEST VOLTAGE (BETWEEN CONTACTS): 2500V
   e) DEGREE OF PROTECTION: 3 PER UL840
   f) OVERVOLTAGE CATEGORY: III PER UL840
8) TEMPERATURE RANGE: –20°C TO 130°C
9) PROTECTION: IP67 (MATED CONDITION)
10) MATING CYCLES: >50

QUANTITY	PART NUMBER	DESCRIPTION	ITEM
1	MA3CG–S2	CORD GRIP, 7.5–11mm	3
12	SC000035	CONTACT, PIN, ø1.0mm	2
1	MA1CAE1200	CONNECTOR	1

MATERIALS LIST

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 = X

MATERIAL SPECIFICATIONS:

PROCESS SPECIFICATIONS:

NEXT ASS'Y:

SIGNATURES		DATE
DRAWN:	MRF	10SEP13
CHECKED:		
ENGINEER:		
APPROVAL:		
CUSTOMER:		

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

KIT, M23

SIZE	TYPE	DWG NO:	REVISION
B	C-	MA1CAE1200M-KIT	01

SCALE: NONE SHEET 1 OF 1

TITLE: KIT, M23
DWG NO:
REV: 01
SH: 1
OF: 1