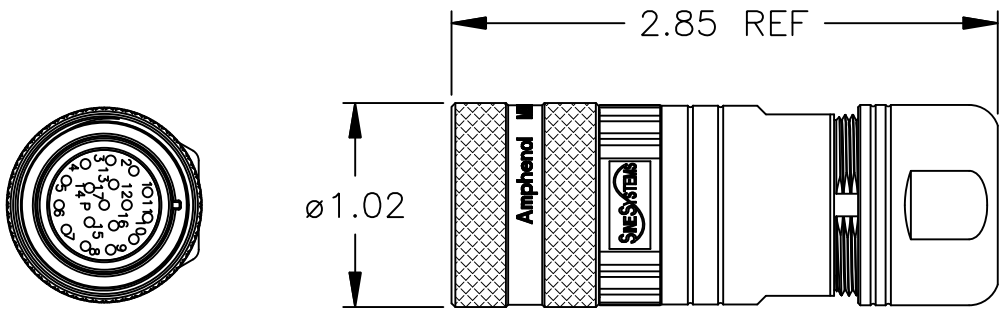


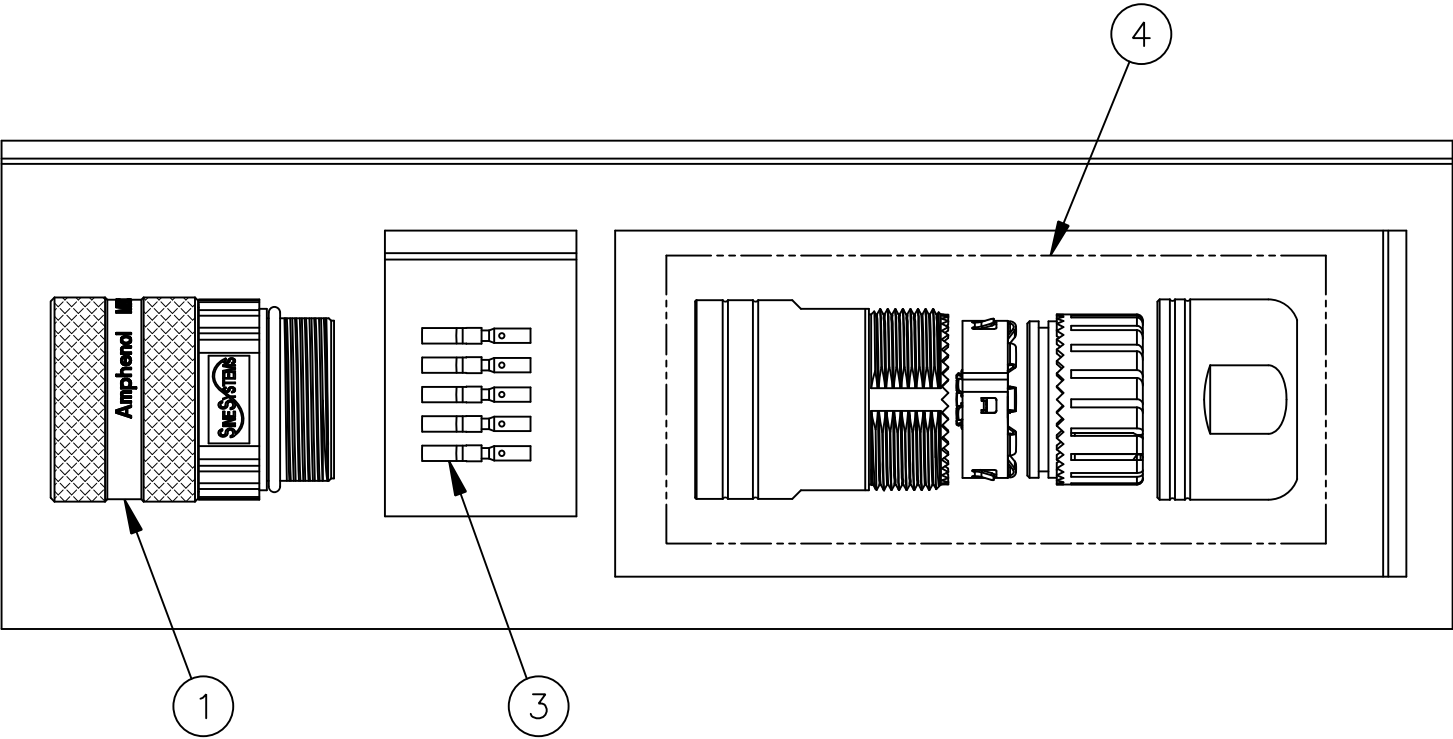
REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
01	—	CUSTOMER DRAWING	—	—	—



ASSEMBLED VIEW

NOTES:

- CORD GRIP RANGE: 7.5mm TO 11mm
- CONTACT BARREL RANGE: 18AWG TO 22AWG
- RECOMMENDED CRIMP TOOLS:
HAND CRIMPER: AFM8 AND SK2/2
PNEUMATIC CRIMPER: WA22 AND SK2/2
- EXTRACTION TOOL: 50–54931–1
- ASSEMBLY INSTRUCTIONS: S3–15225
- 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
- ELECTRICAL DATA:
a) CURRENT (MAX): 9A
b) VOLTAGE (MAX): 125V 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
- TEMPERATURE RANGE: –20°C TO 130°C
- PROTECTION: IP67 (MATED CONDITION)
- MATING CYCLES: >50



1	MA3CG–S2	CORD GRIP, 7.5–11mm	3
17	SC000044	CONTACT, SOCKET, Ø1.0mm	2
1	MA1CAP1700	CONNECTOR	1
QUANTITY	PART NUMBER	DESCRIPTION	ITEM

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 3) Note reference = X	SIGNATURES		DATE	
	DRAWN: MRF		10SEP13	
	CHECKED:			
	ENGINEER:			
	APPROVAL:			
MATERIAL SPECIFICATIONS:	CUSTOMER:		KIT, M23	
	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.			
PROCESS SPECIFICATIONS:	SIZE	TYPE	DWG NO:	REVISION
	B	C-	MA1CAP1700-KIT	01
NEXT ASS'Y:	SCALE: NONE		SHEET 1 OF 1	