1. MATERIAL:

A1

INSULATION INSERT: PA66,UL94 V0

SEAL: VITON, EPDM

REV ECO

HOUSING BODY: ZINC DIE CAST, NICKEL PLATED COUPLING NUT: COPPER ALLOY, NICKEL PLATED CONTACT: COPPER ALLOY, GOLD PLATED

REVISIONS

2. SPECIFICATIONS:

2.1 CURRENT RATING: 9 AMPS

2.2 VOLTAGE RATING: 125 V AC/DC

2.3 CONTACT RESISTANCE: <5 mOHMS

2.4 OPERATING TEMPERATURE: -20°C TO +130°C

2.5 DIELECTRIC WITHSTANDING VOLTAGE: LESS THAN 2 MILLIAMPS CURRENT LEAKAGE @ 2500 VOLTS AC.

2.6 DEGREE OF PROTECTION: IP67 (MATED CONDITION)

2.7 DEGREE OF POLLUTION: 3 PER UL840

2.8 OVERVOLTAGE CATEGORY: III PER UL840

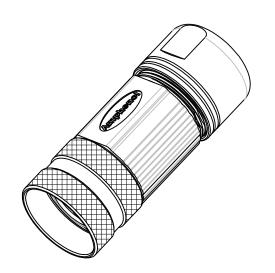
2.9 MATING CYCLE DURABILITY: >500 CYCLES

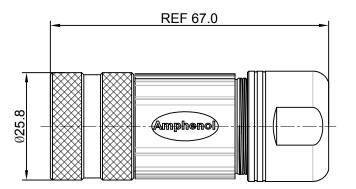
2.10 RoHS COMPLIANT

3. ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.

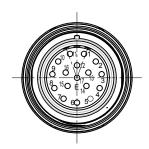
Item	Part number	Connector P/N	Cable OD Range
1	MA7CAE1700S-S1-KIT	MA7CAE1700-S1	4.5~7.5 mm
2	MA7CAE1700S-S2-KIT	MA7CAE1700-S2	7.5~11.0 mm
3	MA7CAE1700S-S3-KIT	MA7CAE1700-S3	11.0~15.0 mm

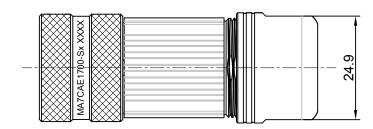
17 SC000		0030	CONTACT, SOCKET, Ø1.0mm,CRIMP 24~28AW			4~28AW0	3		
17	17 SC000		0044 CONTAC		CT, SOCKET, Ø1.0mm,CRIMP 18~22AWG				
1	1 MA7C		AE1700-Sx CONNE		CTOR				
QUANTITY	QUANTITY PART N		DESCRIPTION			ITEM			
MATERIALS LIST									
	UNLESS OTHERWISE SPECIFIED		ES DATE	\ \make\		I			
	All dimensions are in metric(mm).     Tolerances are as follows:		Oct.30,17	Amphenol					
1 PL DEC ±0.30 2 PL DEC ±0.15 3 PL DEC ±0.08 Fractions ±1/64 Angles ±1° 3) Note reference = X		CHECKED: Tod	Oct.30,17	44724 Morley Drive Clinton Township, MI 48036					
		ENGINEER:							
MATERIAL SPECIFICA	MATERIAL SPECIFICATIONS:		Oct.30,17						
PROCESS SPECIFICATIONS:  NEXT ASS'Y:		CUSTOMER:	'				F		
		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.		SIZE TYPE DWG NO:  MA7CAE1700S-SX-KIT A			REVISION		
				SCALE: NONE		SHEET 1	of <b>1</b>		

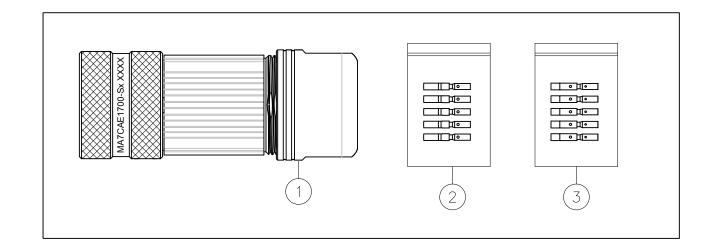




E type, Normal Key (E型, 0转位角)







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