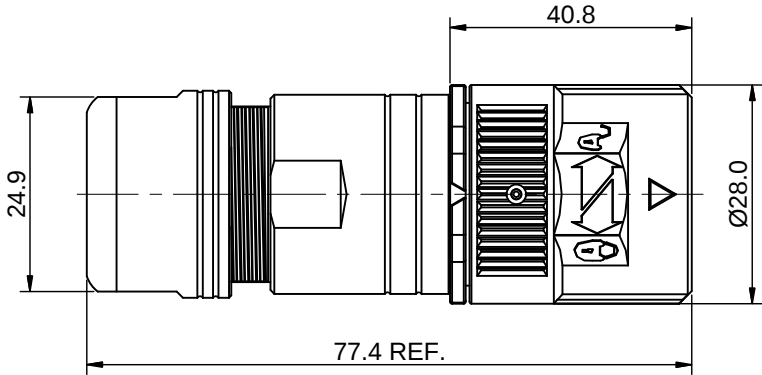
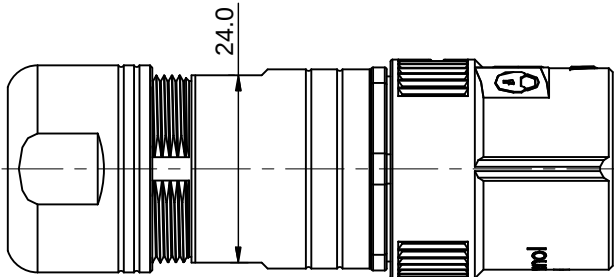
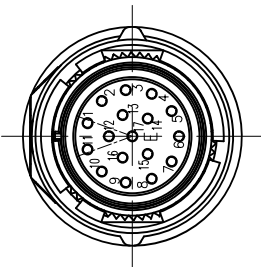


REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	-	RELEASE NEW DWG FORMAT	07/22/14	DRACK	
A2	-	UPDATE THE DURABILITY	APR.16,2016	DRACK	
A3	-	UPDATE THE SHAPE	APR.16,2016	DRACK	



E type, Normal Key

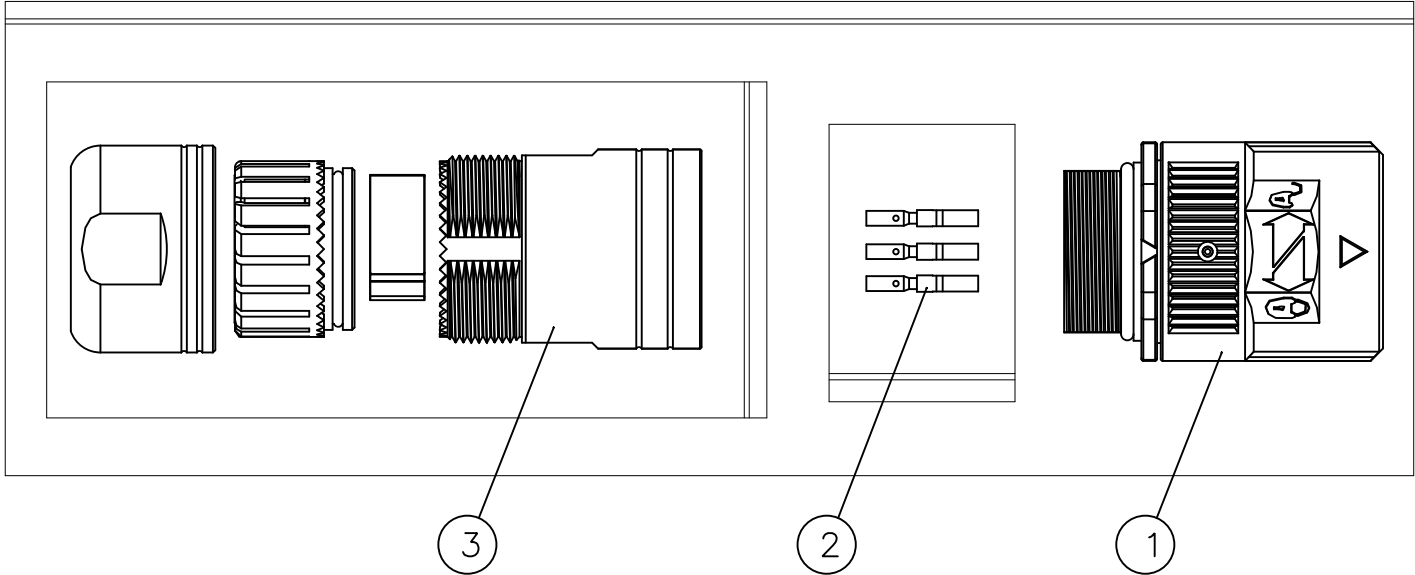


ASSEMBLED VIEW

Part Number	Cord Grip	Cable OD Range
P30737-S1	MA6CG-S1	4.5~7.5 mm
P30737-S2	MA6CG-S2	7.5~11.0 mm
P30737-S3	MA6CG-S3	11.0~15.0 mm

NOTES: UNLESS OTHERWISE SPECIFIED

1. MATERIAL:
INSULATION INSERT: PA66,UL94 V0
SEAL: VITON OR EPDM
HOUSING BODY: ZINC DIE CAST, NICKEL PLATED
COUPLING NUT: COPPER ALLOY, NICKEL PLATED
EMI SHIELDING RING: STAINLESS STEEL
CONTACT: COPPER ALLOY, GOLD PLATED
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
3. CORD GRIP RANGE: SEE TABLE.
4. CONTACT BARREL RANGE: 18AWG TO 22AWG
5. RECOMMENDED CRIMP TOOLS:
HAND CRIMPER: AFM8 AND SK2/2
PNEUMATIC CRIMPER: WA22 AND SK2/2
6. EXTRACTION TOOL: 50-54931-1
7. ASSEMBLY INSTRUCTIONS: S3-15225
8. RoHS COMPLIANT
9. ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.



1	MA6CG-Sx	CORD GRIP	3
17	SC000044	CONTACT, SOCKET, Ø1.0MM	2
1	MA2CAE1700	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 DRAWN: Drack CHECKED: ENGINEER: APPROVAL: CUSTOMER:		DATE APR.16,2016
MATERIAL SPECIFICATIONS:		Amphenol Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036		
PROCESS SPECIFICATIONS:		KIT:M23A,PLUG,STRAIGHT,17POS,E TYPE SOCKET CONTACT,CHECKMATE		
NEXT ASSY:		SIZE B	TYPE C-	DWG NO: P30737-Sx
		REVISION A3		
		SCALE: NONE	SHEET 1 OF 1	