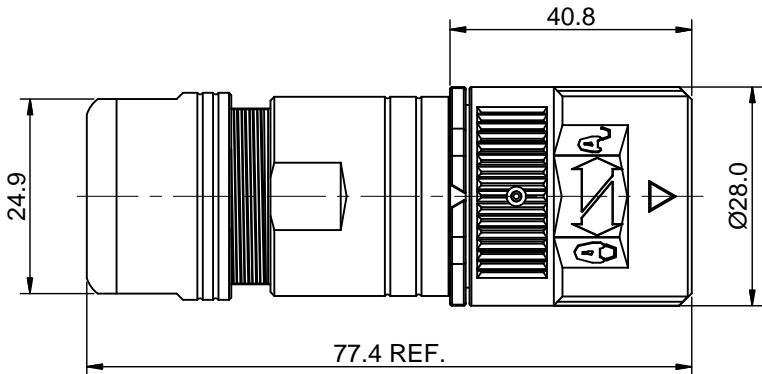
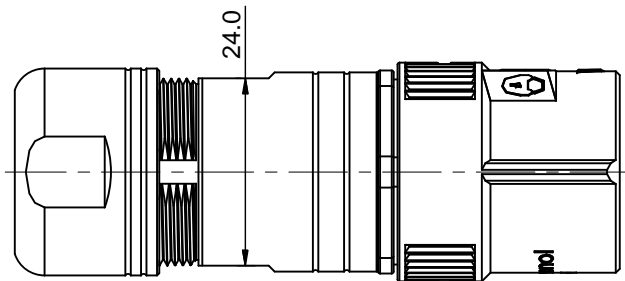
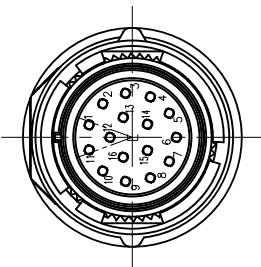


REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	-	RELEASE NEW DWG FORMAT	07/22/14	DRACK	
A2	-	UPDATE THE DURABILITY	May.05,2015	DRACK	
A3	-	UPDATE THE SHAPE	APR.16,2016	DRACK	



E type, Normal Key

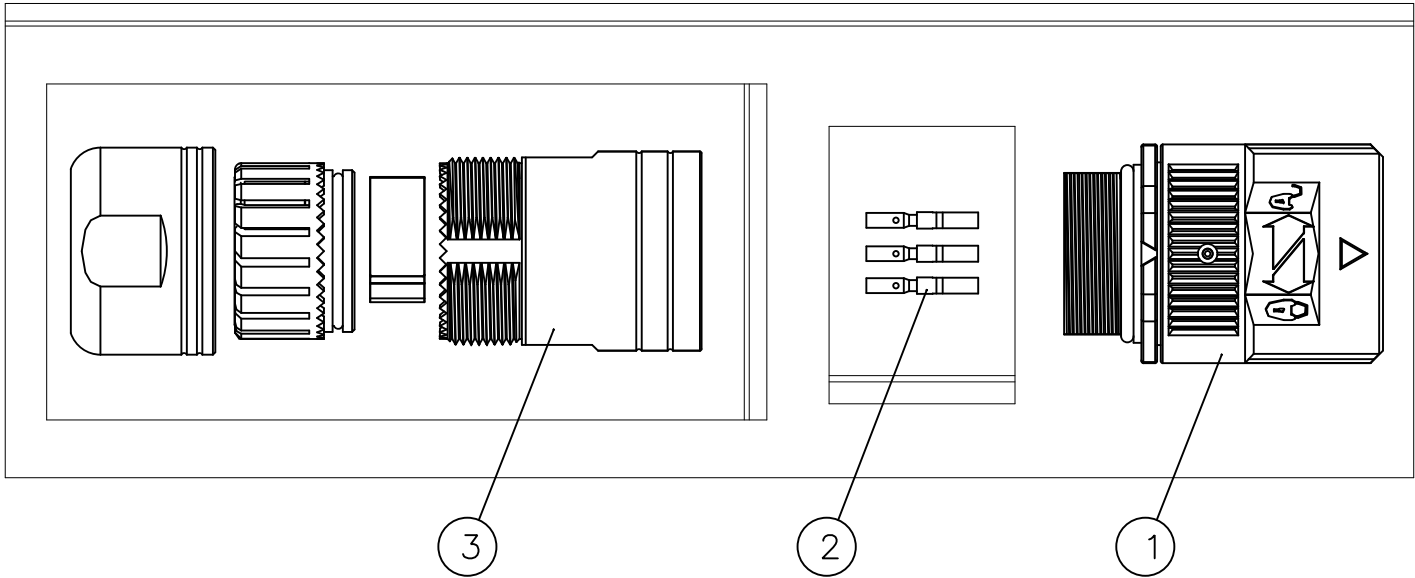


ASSEMBLED VIEW

Part Number	Cord Grip	Cable OD Range
P30741-S1	MA6CG-S1	4.5~7.5 mm
P30741-S2	MA6CG-S2	7.5~11.0 mm
P30741-S3	MA6CG-S3	11.0~15.0 mm

NOTES: UNLESS OTHERWISE SPECIFIED

- 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
- 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
- CORD GRIP RANGE: SEE TABLE.
- 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
- RoHS COMPLIANT
- ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.



1	MA6CG-Sx	CORD GRIP	3
16	SC000044	CONTACT, SOCKET, Ø1.0MM	2
1	MA2CAE1600	CONNECTOR	1
QUANTITY	PART NUMBER	DESCRIPTION	ITEM

MATERIALS LIST						
<div>UNLESS OTHERWISE SPECIFIED</div> <div>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</div> <div>3) Note reference = <div><div>X</div></div></div>	SIGNATURES		DATE			
	DRAWN: Drack		APR.16,2016			
	CHECKED:					
	ENGINEER:					
	APPROVAL:					
MATERIAL SPECIFICATIONS:	CUSTOMER:		<div>KIT:M23A,PLUG,STRAIGHT,16POS,E TYPE SOCKET CONTACT,CHECKMATE</div>			
PROCESS SPECIFICATIONS:	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.					
NEXT ASSY:			SIZE	TYPE	DWG NO:	REVISION
			B	C-	P30741-Sx	A3
			SCALE: NONE		SHEET 1 OF 1	

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