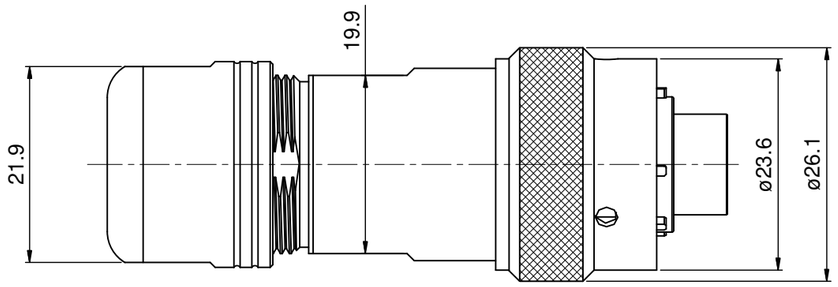
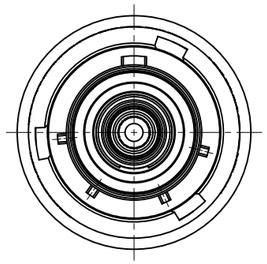
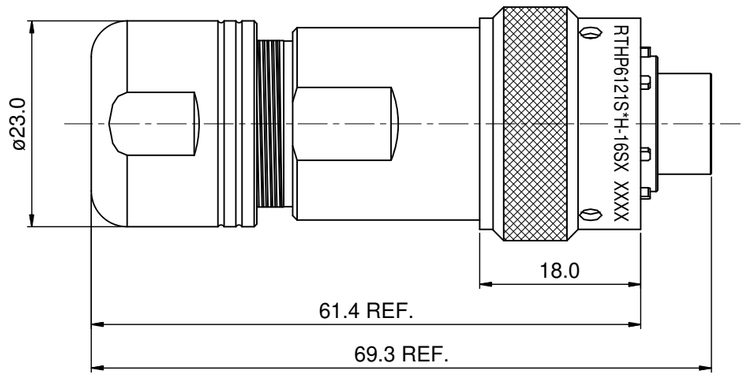
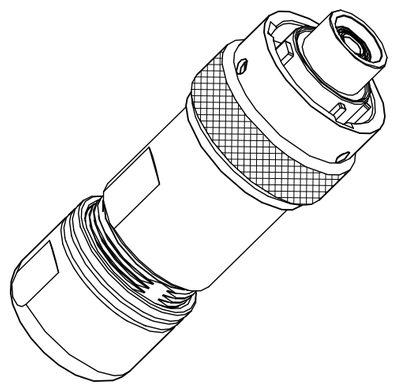
REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
B1	-	RELEASE NEW DWG FORMAT	08/14/14	DRACK	TOMMY









NOTES:
1. MATERIAL:
   1.1 HOUSING BODY: ZINC DIE-CAST, NICKEL PLATED
   1.2 COUPLING NUT: AL ALLOY, NICKEL PLATED
   1.3 INSULATION INSERT: PA66,UL94 V0
   1.4 CONTACT: COPPER ALLOY, SILVER PLATED
   1.5 SEAL: SILICONE RUBBER

2. SPECIFICATIONS:
   2.1 CURRENT RATING: 86 AMPS MAX.
   2.2 VOLTAGE RATING: 630 V AC/DC
   2.3 OPERATING TEMPERATURE: -40°C TO +125°C
   2.4 DIELECTRIC WITHSTANDING VOLTAGE:
   LESS THAN 2 MILLIAMPS CURRENT IEAKAGE @ 5000 VOLTS AC
   2.5 DEGREE OF PROTECTION: IP67 (MATED CONDITION)
   2.6 DEGREE OF POLLUTION: 3 PER UL840
   2.7 OVERVOLTAGE CATEGORY: III PER UL840
   2.8 MATING CYCLE DURABILITY: >100 CYCLES
   2.9 RoHS COMPLIANT

3. ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.

4. "*" DENOTE KEY POSTION OF "N","W","X","Y" OR "Z".

5. CONTACT P/N: MS6ARS8S

KEY POS	PART NO.	Cable OD Range
N	RTHP6121SNH-16S1	6.0~9.5 mm
W	RTHP6121SWH-16S1	
X	RTHP6121SXH-16S1	
Y	RTHP6121SYH-16S1	
Z	RTHP6121SZH-16S1	

KEY POS	PART NO.	Cable OD Range
N	RTHP6121SNH-16S2	9.5~12.5 mm
W	RTHP6121SWH-16S2	
X	RTHP6121SXH-16S2	
Y	RTHP6121SYH-16S2	
Z	RTHP6121SZH-16S2	

QUANTITY	PART NUMBER	DESCRIPTION	ITEM
	~~SEE PART NUMBER CHART~~		

MATERIALS LIST

UNLESS OTHERWISE SPECIFIED
1) All dimensions are in metric(mm).
2) Tolerances are as follows:
1 PL DEC ±0.30 | Fractions ±1/64
2 PL DEC ±0.15 | Angles ±1°
3 PL DEC ±0.08
3) Note reference = X

MATERIAL SPECIFICATIONS:

PROCESS SPECIFICATIONS:

NEXT ASS'Y:

SIGNATURES		DATE
DRAWN:	Drack	08/14/14
CHECKED:		
ENGINEER:		
APPROVAL:		
CUSTOMER:		

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Amphenol

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

ECO-MATE,PLUG,3.6mm RADSOK,
CRIMP TYPE,SHIELDING,CORD GRIP

SIZE	TYPE	DWG NO:	REVISION
B	C-	RTHP6121S*H-16Sx	B1

SCALE: 3 : 2 SHEET 1 OF 1

TITLE: ECO-MATE,PLUG,3.6mm RADSOK,CRIMP TYPE,SHIELDING,CORD GRIP
DWG NO: RTHP6121S*H-16Sx
REV: B1
SH: 1
OF: 1