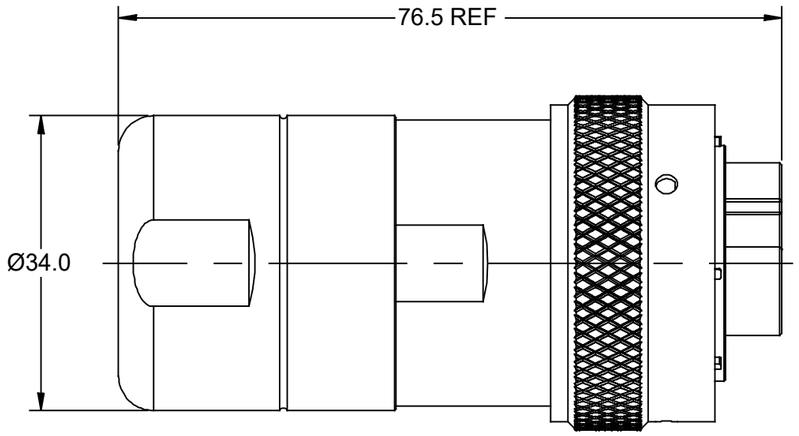
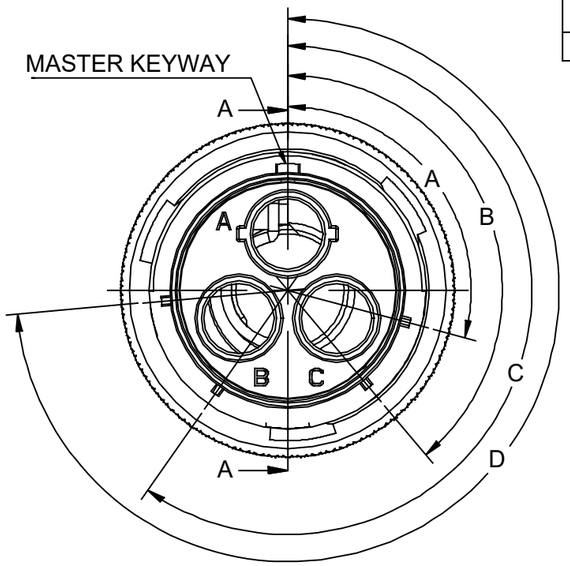
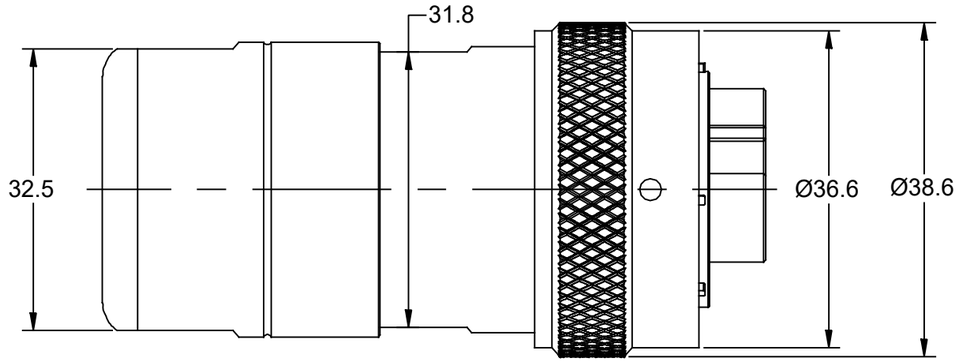
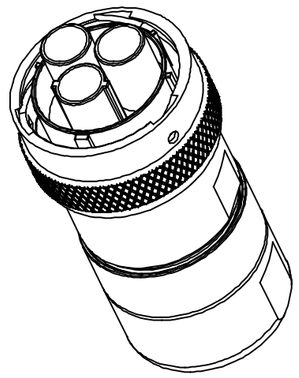
REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	-	RELEASED DRAWING	Sep-25-2020	Ronald	Tommy









KEY POS	PART NUMBER	A	B	C	D	CABLE OD RANGE
N	RTHP6203SNH-S2	105˚	140˚	215˚	265˚	13.5-14mm
W	RTHP6203SWH-S2	79˚	140˚	215˚	265˚	
X	RTHP6203SXH-S2	105˚	126˚	215˚	265˚	
Y	RTHP6203SYH-S2	105˚	140˚	215°	259°	
Z	RTHP6203SZH-S2	105˚	140˚	215˚	330˚	

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 SEAL: SILICONE RUBBER
2. SPECIFICATIONS:
   2.1 CURRENT RATING: 86 AMPS MAX.
   2.2 VOLTAGE RATING: 630 V A C/DC
   2.3 OPERATING TEMPERATURE: -40°C TO +125°C
   2.4 DIELECTRIC WITHSTANDING VOLTAGE: LESS THAN 2 MILLIAMP S CURRENT IEAKAGE @ 5000 VOLTS A C
   2.5 DEGREE OF PROTECTION: I P67 (MATED CONDITION)
   2.6 DEGREE OF POLLUTION: 3 PER UL840
   2.7 OVERVOLTAGE CATEGORY: I II PER UL840
   2.8 MATING CYCLE DURABILITY : >100 CYCLES
   2.9 RoHS COMPLIANT
3. ALL DIMENSIONS ARE FOR REFER ENCE USE ONLY.
4. "*" DENOTE KEY POSTION OF "N ","W","X","Y" OR "Z".

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 | 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:	Ronald	Sep-25-2020
CHECKED:	Flan	Sep-27-2020
ENGINEER:		
APPROVAL:	Tommy	Sep-28-2020
CUSTOMER:		

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

3 Position Plug, Female, Size 8 (3.6mm), shell Size 20, with Radsok® Technology, High Amperage, 630V

SIZE	TYPE	DWG NO:	REVISION
B	C-	RTHP6203S*H-Sx	A1

SCALE: NONE SHEET 1 OF 1

TITLE: ECOMATE RM HIGH AMP PLUG,SIZE 20,3POS, BACKSHELLS,SHIELDING
DWG NO: RTHP6203S*H-Sx
REV: A1
SH: 1
OF: 1