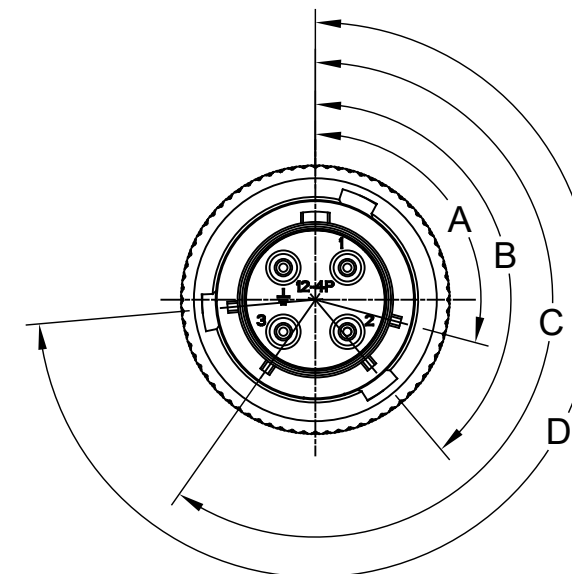
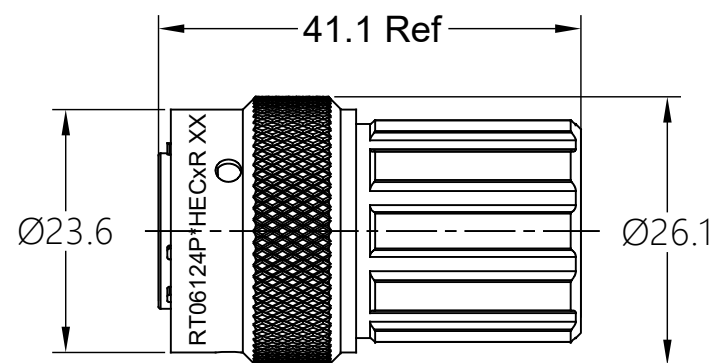
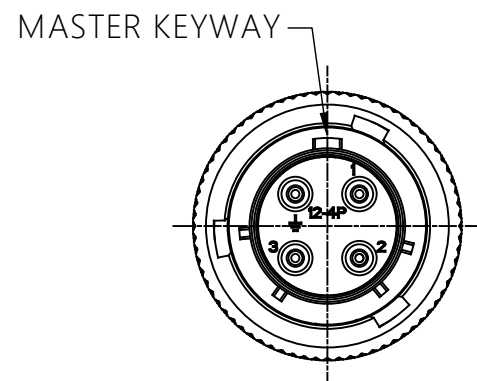


REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	-	RELEASED DRAWING	Oct-16-20	Blink	Tommy



TITLE: ECO-MATE RM,PLUG,SIZE 12,4POS, PIN,END CAP,REDUCED WIRE SEALS

DWG NO: RT06124P\*HECxxR

REV: A1

SH: 1

OF: 1

NOTES: (UNLESS OTHERWISE SPECIFIED)

1. MATERIAL:

- SHELL: ZINC ALLOY, NICKEL PLATED.
- INSERT: THERMOPLASTIC, UL94 V-0.
- END CAP: THERMOPLASTIC, UL94 V-0.
- COUPLING NUT: AL ALLOY, NICKEL PLATED.
- WAVE WASHER: STAINLESS STEEL.
- PLASTIC BUSHING: THERMOPLASTIC, UL94 V-0.
- O-RING: NBR/SILICONE RUBBER.
- WIRE SEAL: SILICONE RUBBER.

2. SPECIFICATIONS:

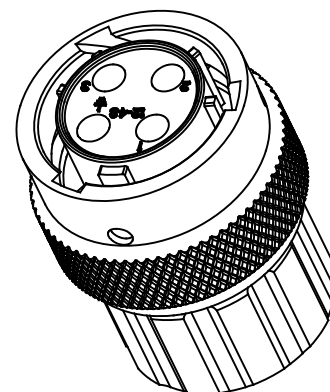
- 2.1 RATED CURRENT: 13A (MAX).
- 2.2 RATED VOLTAGE: 500V (AC/DC).
- 2.3 OPERATING TEMPERATURE: SEE CHART.
- 2.4 DIELECTRIC WITHSTANDING VOLTAGE: LESS THAN 2 MILLIAMPS CURRENT LEAKAGE@2000 VOLTS AC.
- 2.5 INSULATION RESISTANCE: 5000 MEGOHMS MIN.
- 2.6 IP--CLASS: IP67.
- 2.7 MATING CYCLES DURABILITY: 500 CYCLES(MIN).
- 2.8 RoHS COMPLIANT.

3. SUITABLE CONTACTS : 16# CONTACTS.

4. ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.

5. CONTACT SIZE AND REAR SEAL WIRE RANGE:

Contact Size	Insulation Overall Diameter(min-max)	Wire Range
16#	Ø1.2mm - Ø2.1mm	14 - 24AWG



KEY POS	PART NUMBER		A	B	C	D
	-40°C ~ 105°C	-40°C ~ 125°C				
N	RT06124PNHECR	RT06124PNHEC03R	105°	140°	215°	265°
W	RT06124PWHECR	RT06124PWHEC03R	60°	140°	215°	265°
X	RT06124PXHECR	RT06124PXHEC03R	105°	155°	215°	265°
Y	RT06124PYHECR	RT06124PYHEC03R	105°	140°	225°	265°
Z	RT06124PZHECR	RT06124PZHEC03R	105°	140°	215°	295°

QUANTITY	SEE PART NUMBER	DESCRIPTION	ITEM
	CHART		
	PART NUMBER		
MATERIALS LIST			
UNLESS OTHERWISE SPECIFIED		SIGNATURES	
1) All dimensions are in metric(mm).		DATE	
2) Tolerances are as follows:		DRAWN: Blink Oct-16-20	
1 PL DEC ±0.30		CHECKED: Flan Oct-19-20	
2 PL DEC ±0.15		ENGINEER:	
3 PL DEC ±0.08		APPROVAL: Tommy Oct-21-20	
3) Note reference = $\triangle$ X		CUSTOMER:	
MATERIAL 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.	
PROCESS SPECIFICATIONS:		NEXT ASSY:	
		<p style="text-align: center;"><b>Amphenol</b></p> <p>Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036</p>	
		<p>ECO-MATE RM,PLUG, SIZE 12,4POS, PIN,END CAP,REDUCED WIRE SEALS</p>	
SIZE	TYPE	DWG NO.	REVISION
B	C-	RT06124P*HECxxR	A1
SCALE:	NONE	SHEET	1 OF 1