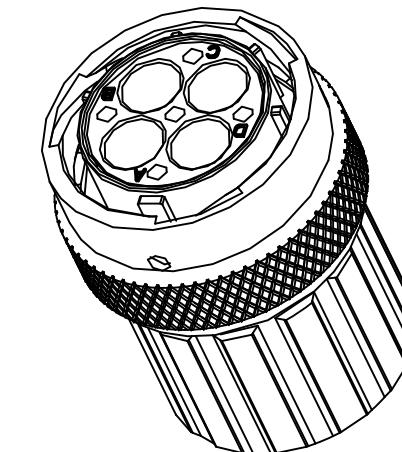
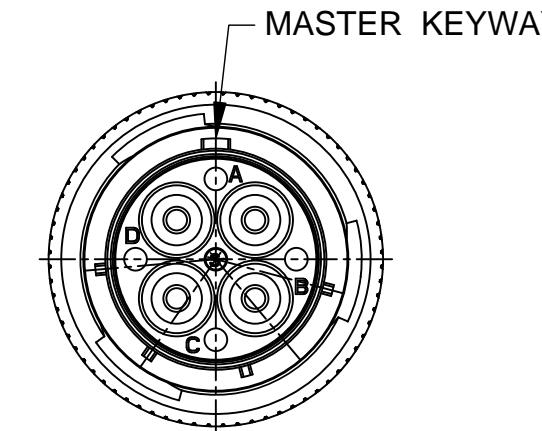
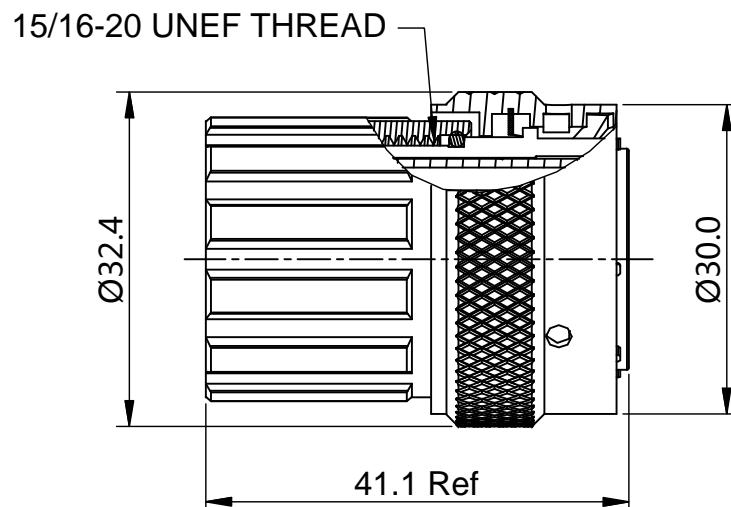


REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
B1	-	RELEASED DRAWING	Nov-29-2014	Ben	Tommy



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.
 O-RING : NBR/SILICONE RUBBER.
 WIRE SEAL : SILICONE RUBBER.
 PLASTIC BUSHING : THERMOPLASTIC , UL94 V-0.

2. SPECIFICATIONS :

2.1 RATED CURRENT : 45A (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 : 8# CONTACTS.

4. ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.

5. CONTACT SIZE AND REAR SEAL WIRE RANGE :

CONTACT SIZE	MIN. INSUL O.D.	MAX. INS O.D.	WIRE RANGE
8#	Ø2.8mm	Ø5.8mm	12 - 10AWG

KEY POS	PART NUMBER	
	-40°C ~ 105°C	-40°C ~ 125°C
N	RT06164PNHEC	RT06164PNHEC03
W	RT06164PWHEC	RT06164PWHEC03
X	RT06164PXHEC	RT06164PXHEC03
Y	RT06164PYHEC	RT06164PYHEC03
Z	RT06164PZHEC	RT06164PZHEC03

QUANTITY	PART NUMBER	DESCRIPTION		ITEM
		SEE PART NUMBER	CHART	
MATERIALS LIST				
UNLESS OTHERWISE SPECIFIED	SIGNATURES	DATE		
1) All dimensions are in metric(mm). 2) Tolerances are as follows: 1 PL DEC ± 0.30 Fractions $\pm 1/64$ 2 PL DEC ± 0.15 Angles $\pm 1^\circ$ 3 PL DEC ± 0.08	DRAWN: Ben	Nov-29-2014		
3) Note reference =	CHECKED:			
MATERIAL SPECIFICATIONS:	ENGINEER:			
PROCESS SPECIFICATIONS:	APPROVAL:			
	CUSTOMER:			
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NEXT ASSY:	SCALE: NONE			
SIZE B	TYPE C-	DWG NO: RT06164P*HEC*	REVISION B1	

Amphenol

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

ECO-MATE, PLUG,
SIZE 16,4POS, PIN, END CAP.

SHEET 1 OF 1

Mouser Electronics

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