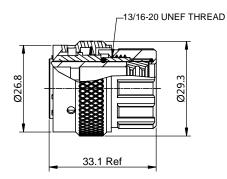
REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
B1 - RELEASED DRAWING			JULY-03-2014	BEN	TOMMY







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.

WIRE SEAL: SILICONE RUBBER.

PLASTIC BUSHING: THERMOPLASTIC, UL94 V-0.

2. SPECIFICATIONS:

2.1 RATED CURRENT: 23A (MAX). 2.2 RATED VOLTAGE: 350V (AC/DC).

2.3 OPERATING TEMPERATURE: -40°C ~+105°C. 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: 2.5mm CONTACTS.

4. ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.

5. CONTACT SIZE AND REAR SEAL WIRE RANGE:

CONTACT SIZE	MIN. INSUL O.D.	MAX. INSUL O.D.	WIRE RANGE
2.5mm	Ø3.3mm	Ø4.3mm	14-12AWG

KEY POS	PART NUMBER
N	RT06144SNHEC
W	RT06144SWHEC
Х	RT06144SXHEC
Υ	RT06144SYHEC
Z	RT06144SZHEC

	CEE DADT NI	JMBER CHART					
	SEEFARTING	JIVIDER CHART					
QUANTITY	PART N	IUMBER		D	ESCRIPTION		ITEM
		MA	TERL	ALS L	ST		
	WISE SPECIFIED	SIGNATURE	S DATE		mphe	nal	
All dimensions a Tolerances are a	as follows:	DRAWN: BEN	JULY-03-2014	1 <i></i>	<u>unpne</u>	1101	
2 PL DEC ±0.30 2 PL DEC ±0.15 3 PL DEC ±0.08	Fractions ±1/64 Angles ±1°	CHECKED:			ne Systems - www.ar	mphenol-sine.	com
3) Note reference = X		ENGINEER:		44724 Morley Drive Clinton Township, MI 48036			
MATERIAL SPECIFICA					itori Township, ivii 40000		
WINTERIAL SPECIFICA	MATERIAL SPECIFICATIONS:			i	ECO-MATE,PLU		
			THIS DRAWING IS SUPPLIED FOR INFORMATION ONLY, DESIGN FEATURES.		E 14,4POS,SOCKET	END CAP.	
PROCESS SPECIFICA	TIONS:	SPECIFICATIONS AND PER SHOWN HEREON ARE THE THE AMPHENOL CORPORA OF REPRODUCTION ARE IN DIMENSIONS ARE SUBJECT	FORMANCE DATA PROPERTY OF ITION. NO RIGHTS IPLIED. ALL	D C-	RT06144S		B1
NEXT ASS'Y:		MANUFACTURING VARIATIONS.		SCALE: NONE		SHEET 1 OF	1

ECO-MATE, PLUG, SIZE 14,4POS, SOCKET, END CAP

RT06144S*HEC

ecomate® RM/RSSM/Aquarius™ - Contact Size 12 Options

Crimp Contacts, Machined				
Part Number			Min D (Dietie e
Male	Female	AWG	Wire Range (mm²)	Plating
	N/A			

	Tooling, Machined		
Part Number	Description		
N/A	N/A		
N/A	N/A		

Plating Options, All		
Symbol	Plating	
N/A	N/A	

Crimp Contacts, Stamped & Formed				
Part Number		AWG Wire Range	Plating	
Male	Female		(mm²)	r idinig
SP12A1T	SS12A1T	14-12	2.5-3.5	Tin

	Tooling, Stamped & Formed Part Number Description		
	QXRT12S Contact Extraction Tool, 2.5mm Contact		
	MFX-3962 Hand Tool, Stamped & Formed Contact, 2.5mm Contact		

	Misc Tooling, All		
Part Number	Part Number Description		
CA-4012-59	Sealing Plug, Size 12		

Standard Quantity Order Options	
Machined Stamped & Formed	
N/A	Reel, 1000 Pieces