



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

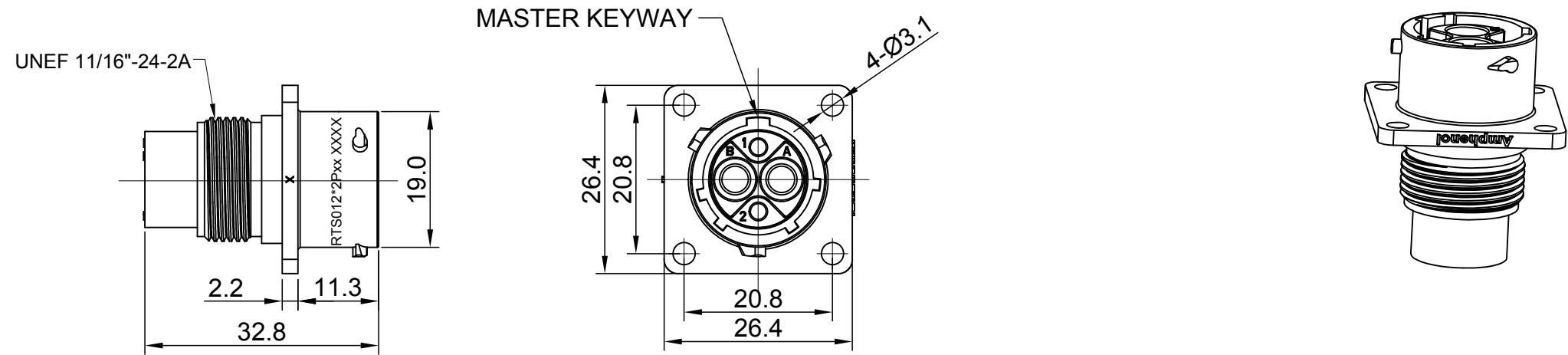
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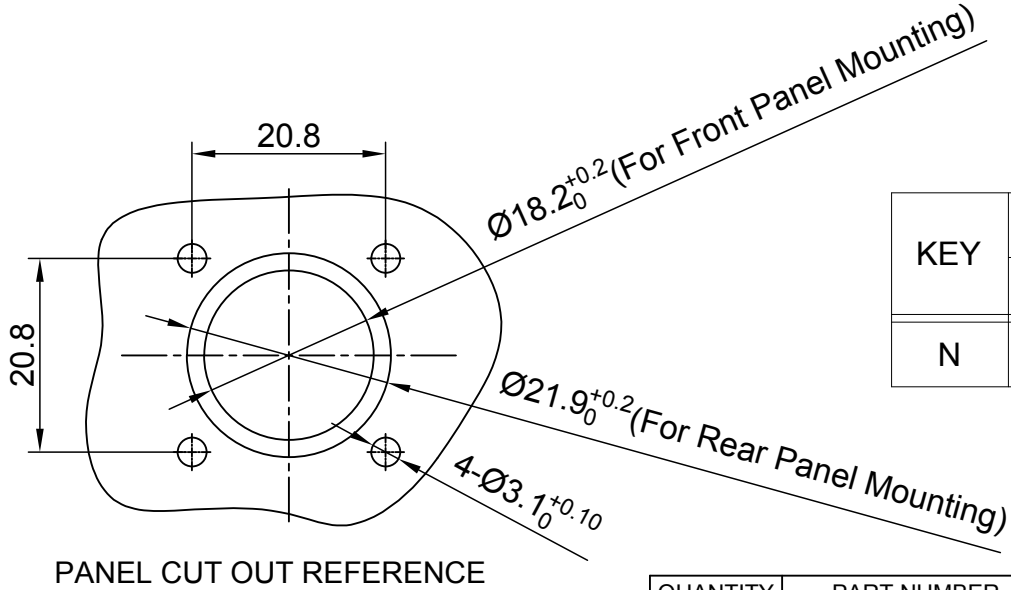


REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	--	FIRST RELEASED	Jul-01-2017	Nick	Tommy
A2	--	UPDATE DRAWING	Mar-19-2018	White	Tommy
A3	--	UPDATE DRAWING	Apr-10-2018	White	Tommy




NOTES : (UNLESS OTHERWISE SPECIFIED)

- MATERIAL :  
SHELL : THERMOPLASTIC , UL94 V-0.  
INSERT : THERMOPLASTIC , UL94 V-0.  
SEAL GASKET : NBR OR SILICONE RUBBER.
- SPECIFICATIONS :
  - RATED CURRENT : 2.5mm CONTACT: 23A (MAX).  
20# CONTACT: 5A (MAX).
  - RATED VOLTAGE : 350V(AC/DC).
  - OPERATING TEMPERATURE : SEE TABLE.
  - DIELECTRIC WITHSTANDING VOLTAGE : LESS THAN  
2 MILLIAMPS CURRENT LEAKAGE@2000 VOLTS AC.
  - INSULATION RESISTANCE : 5000 MEGOHMS MIN.
  - IP-CLASS : IP67 AND IP69K IN THE MATED CONDITION,  
PANEL EXTERNAL.
  - MATING CYCLES DURABILITY : 500 CYCLES MIN.
  - RoHS COMPLIANT.
- SUITABLE CONTACTS : 2.5mm CONTACT.  
20# CONTACT.
- ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.



KEY	PART NUMBER	
	-40°C ~ 105°C	-40°C ~ 125°C
N	RTS012N2P	RTS012N2P03

QUANTITY	PART NUMBER	DESCRIPTION	ITEM
MATERIALS LIST			
<div>UNLESS OTHERWISE SPECIFIED</div> <div>1) All dimensions are in metric(mm).</div> <div>2) Tolerances are as follows:</div> <div>1 PL DEC ±0.30</div> <div>2 PL DEC ±0.15</div> <div>3 PL DEC ±0.08</div> <div>Fractions ±1/64</div> <div>Angles ±1°</div> <div>3) Note reference = </div>		<div>SIGNATURES</div> <div>DATE</div> <div>DRAWN: White</div> <div>Apr-10-2018</div> <div>CHECKED: Tod</div> <div>Apr-10-2018</div> <div>ENGINEER:</div> <div>APPROVAL: Tommy</div> <div>Apr-10-2018</div> <div>CUSTOMER:</div> <div>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.</div>	<div>Amphenol</div> <div>Sine Systems - <a href="http://www.amphenol-sine.com">www.amphenol-sine.com</a></div> <div>44724 Morley Drive</div> <div>Clinton Township, MI 48036</div>
MATERIAL SPECIFICATIONS:		ECO-MATE, RECEPTACLE, FLANGE, SIZE 12, 2+2 POS, PIN	
PROCESS SPECIFICATIONS:		<div>SIZE</div> <div>B</div> <div>TYPE</div> <div>C-</div> <div>DWG NO:</div> <div>RTS012*2Pxx</div> <div>REVISION</div> <div>A3</div>	
NEXT ASSY:		<div>SCALE:</div> <div>NONE</div> <div>SHEET</div> <div>1</div> <div>OF</div> <div>1</div>	