

REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
B1	-	RELEASED DRAWING	JUN-27-2014	BEN	TOMMY

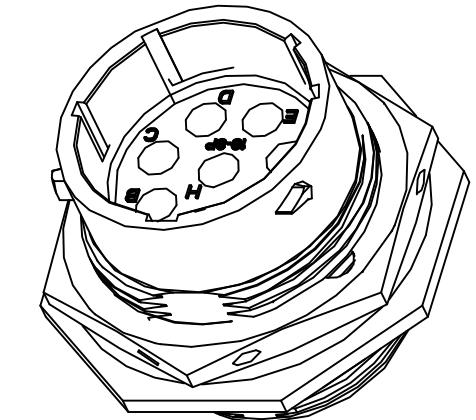
1" 1/16-18 UNEF THREAD

1" 1/4-18 UNEF THREAD

Ø28.6

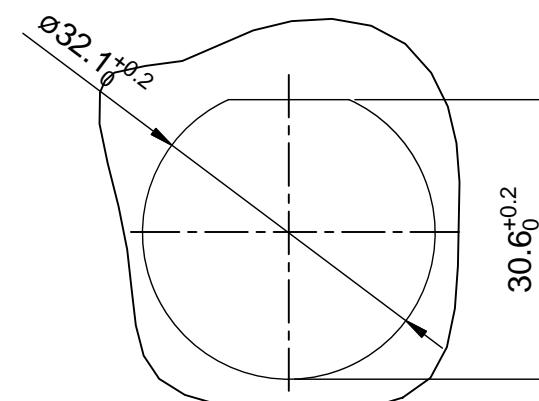
33.0 Ref

A technical drawing of a circular component. At the top, a leader line points to a slot labeled "MASTER KEYWAY". The component features a central hub with a cross-hole and a central dimension of "18.8P". Surrounding the hub are eight circular features labeled A through H in a clockwise sequence: A (top), B (top-right), C (right), D (bottom-right), E (bottom), F (bottom-left), G (top-left), and H (center). The outer boundary of the component is an octagon. A dimension line at the bottom indicates a total width of "41.3" across the two outermost vertices of the octagon.



NOTES : (UNLESS OTHERWISE SPECIFIED)

1. MATERIAL :
SHELL : ZINC ALLOY , NICKEL PLATED.
INSERT : THERMOPLASTIC , UL94 V-0.
NUTS : AL ALLOY , NICKEL PLATED.
O-RING : NBR.
SEAL GASKET : NBR.
2. SPECIFICATIONS :
2.1 RATED CURRENT : 23A (MAX).
2.2 RATED VOLTAGE : 375V(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.



PANEL CUT OUT REFERENCE

KEY POS	PART NUMBER
N	RT07188PNH
W	RT07188PWH
X	RT07188PXH
Y	RT07188PYH
Z	RT07188PZH

SEE PART NUMBER CHART					
QUANTITY	PART NUMBER	DESCRIPTION		ITEM	
MATERIALS LIST					
UNLESS OTHERWISE SPECIFIED		SIGNATURES	DATE	 Amphenol <hr/> Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036	
1) All dimensions are in metric(mm).		DRAWN:	BEN		
2) Tolerances are as follows:		Fractions $\pm 1/64$			
1 PL DEC ± 0.30		Angles $\pm 1^\circ$			
2 PL DEC ± 0.15					
3 PL DEC ± 0.08					
3) Note reference = 		ENGINEER:			
		APPROVAL:			
MATERIAL SPECIFICATIONS:		CUSTOMER:			
PROCESS 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.			
NEXT ASS'Y:					
		SIZE	TYPE	DWG NO.	REVISION
		B	C-	RT07188P*H	B1
		SCALE:	NONE	SHEET 1 OF 1	

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

Crimp Contacts, Machined				
Part Number		AWG	Wire Range (mm ²)	Plating
Male	Female			
N/A				

Crimp Contacts, Stamped & Formed				
Part Number		AWG	Wire Range (mm ²)	Plating
Male	Female			
SP12A1T	SS12A1T	14-12	2.5-3.5	Tin

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

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

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

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

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

Mouser Electronics

Authorized Distributor

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