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PANEL CUT OUT

 $\phi 15.20 \pm 0.05$ [.598 $\pm$.002] 14.60 ± 0.05 [.575 $\pm$.002]2.50 MAX [.098 MAX]
panel thick (0.8min.)

1.50 [.059]

7.13 [.281]

 $\phi 1.42$ [.056] $\phi 0.71$ [.028]

5.03 [.198]

 $\phi 15$ [.591]

14.20 [.559]

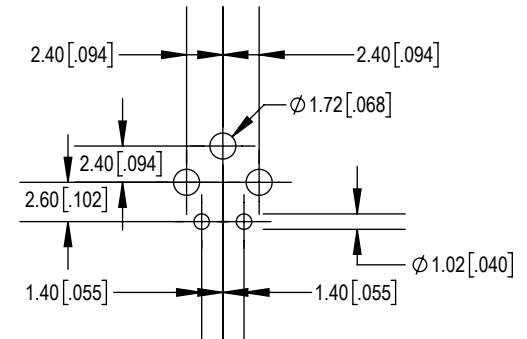
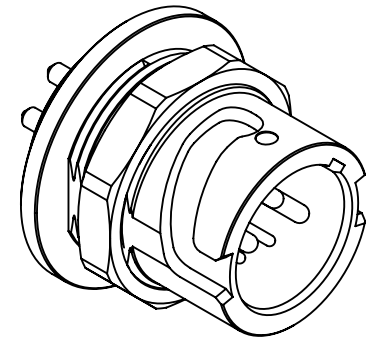
 $\phi 1.27$ [.050] $\phi 0.75$ [.029] $\phi 14.00$ [.551]

45°

1.50 [.059]

17.00 [.669]

ACROSS FLAT

 $\phi 19.90$ [.783]

CONTACT HOLE PATTERN

NOTES:

1. MATERIAL:

- INSULATOR: LCP, LOW FLAMMABILITY & LOW SMOKE TOXICITY
- RECEPTACLE HOUSING, OCTAGONAL NUT : ALUMINUM ALLOY WITH ELECTROLESS NICKEL PLATING
- RETAINER RING : STAINLESS STEEL PASSIVATED
- O-RING : SILICONE RED COLOR
- CONTACTS : PRECISION MACHINED COPPER ALLOY WITH GOLD PLATING (0.76-1.02 μ m) OVER NICKEL

2. MECHANICAL CHARACTERISTICS : DURABILITY : 500 CYCLES

3. ELECTRICAL CHARACTERISTICS :

- CONTACT CURRENT RATING :

18 : 16A MAX WITH A TEMPERATURE RISE AT 35°C

22 : 3A MAX WITH A TEMPERATURE RISE AT 35°C

- PROOF VOLTAGE : 1000 VRMS

- WORKING VOLTAGE : 28 VDC

- INSULATOR RESISTANCE : > 5 GOHM

4. RECOMMENDED TORQUE VALUES : 20 MIN. - 25 MAX. LBS-IN [2.26 - 2.825 N.m]

5. CLIMATIC CHARACTERISTICS : SEALING : IP 65 / TEMPERATURE RANGE : -55°C/+125°C

6. COMPLIANT TO THE CURRENT ROHS DIRECTIVE.

PART NUMBER DEFINITION :

PROJECT NUMBER-CONFIGURATION-GENDER-CONTACT FINISH

P+ YY-WW JOB N#

EX: PSK170008-100-1-51 P+ 17-46 F365679

DETAILED PRODUCT, MECHANICAL, AND ELECTRICAL INFORMATION AVAILABLE IN THE LATEST PRODUCT PUBLICATION AT CONNECTPOSITRONIC.COM

BY FL		CHK EB		3RD ANGLE 		POSITRONIC BELIEVES THE DATA ON THE DRAWING TO BE RELIABLE. THE USER EMPLOYS SUCH INFORMATION AT HIS OWN DISCRETION AND RISK. POSITRONIC ASSUMES NO RESPONSIBILITY FOR RESULTS OBTAINED OR DAMAGES INCURRED FROM USE OF SUCH INFORMATION IN WHOLE OR IN PART. Positronic® CONNECTPOSITRONIC.COM	
APR PP		RELEASED DATE: 2020-03-12		SCALE NTS			
TOLERANCES				PART NUMBER PSK170008-110-1-14			
±0.03mm [.001 INCHES] FOR MALE CONTACT MATING DIAMETERS ±0.08mm [.003 INCHES] FOR CONTACT TERMINATION DIAMETERS ±0.13mm [.005 INCHES] FOR ALL OTHER DIAMETERS ±0.38mm [.015 INCHES] FOR ALL OTHER DIMENSIONS ±5° FOR ALL ANGLES DIMENSION ARE IN MILLIMETERS [INCHES]				SERIES TALON		TITLE RCPT WITH MALE PCB STRAIGHT CONTACTS	
				CREATED ON: 2020-03-09		SHEET SHEET 1 OF 1	

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Mouser Electronics

Authorized Distributor

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