

Specification

Electrical:

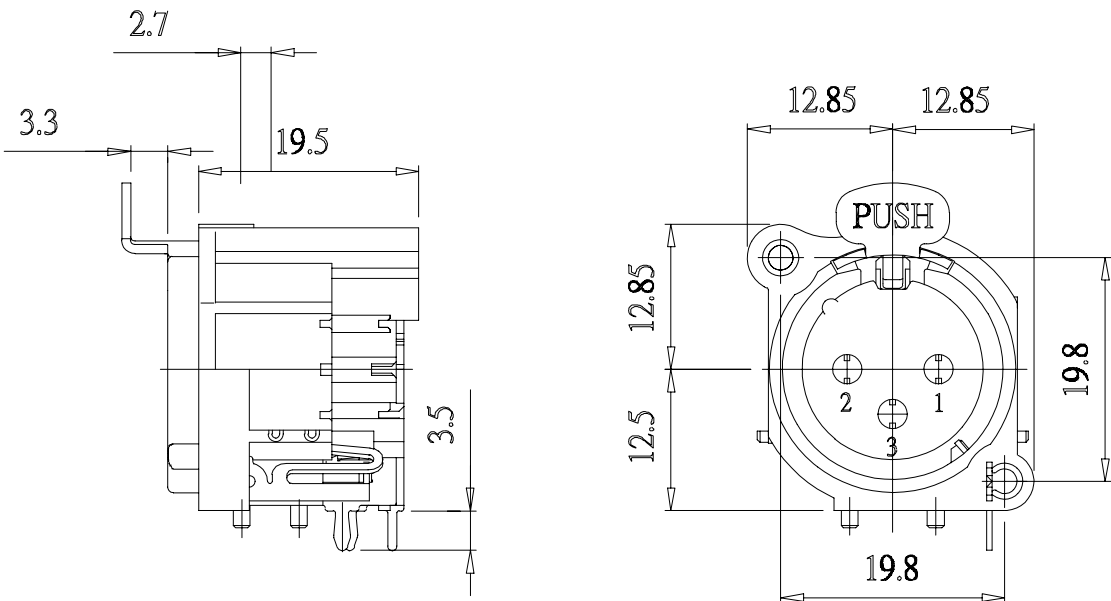
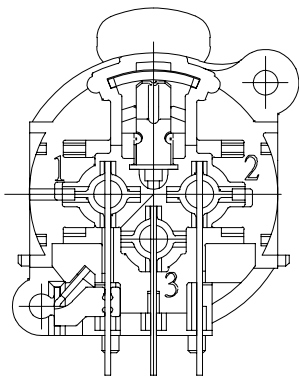
Current Rating Per Contact: 6A
Dielectric Strength: 1500VDC
Contact Resistance: <5m Ohm
Insulation Resistance: >1G Ohm

Materials:

Body: PA6 (Nylon)
Pin: Phos. Bronze / Gold

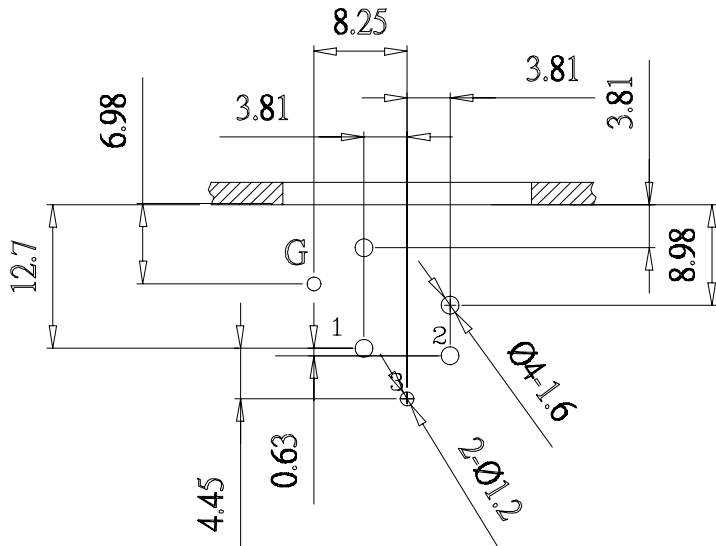
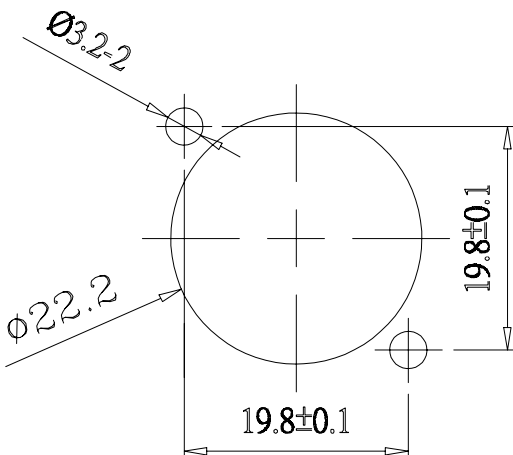
Environmental:

Mating Cycles: >1000
Insertion Force: ≤20N
Temp Range: -30°C to +80°C



PCB-Layout (component side)

Panel cut out (rear side)



Layout tolerance: ±0.05mm [0.002"]

REVISION HISTORY				
REV	DESCRIPTION	CHG REF	DATE	DESIGNER
1.0	Origin	-	24/Jul/2025	M. Smith

DO NOT SCALE		Third Angle Projection 	Designed by Martin Smith	X.X - +0.20 X.XX - +0.10 X.XXX - +0.05	Design Right Protected	©2025	Date 24 Jul 2025	A3
Unit of Measure: millimetres (mm)								
RoHS Compliant	Cambridge Electronic Industries Ltd	This document and all the data contained herein is and shall remain the property of Cambridge Electronic Industries Ltd and may not be used or copied for any purpose whatsoever without the written permission of Cambridge Electronic Industries Ltd.	Description: 3 Pin XLR R/A socket with plastic, panel mount, phos bronze gold plated pin with push button and grounded pin					
			Part No: AXPR-3S-P1PGA-PT Issue 1.0 Sheet 1 / 1					