

REVISIONS			
REV.	DESCRIPTION	DATE	ENG
A	INITIAL RELEASE	9/26/2025	MOB

DATA PIN
SOLDER CUP
HEIGHT

H

2X ϕ .117

R.553

.378

.155

0

.155

.378

.457

.403

0

.403

.457

POWER PINS
SOLDER CUP
HEIGHT

SECTION H-H
SCALE 3 : 1

.170

.070

0

.049

.099

.179

.230

.432 MIN

ϕ .500

ϕ .498

ϕ .550

2X ϕ .117 CLEARANCE HOLE
OR 4-40 TAPPED HOLE

O-RING GLAND

RECOMMENDED PANEL
MOUNT CUTOUT

.054

ϕ .504



ϕ .719

RECOMMENDED O-RING:
ID: .571 IN.
WIDTH: .063 IN.
DUROMETER: 70 SHORE A
SUPPLYNET PART NO.: 571-063-R70BT

SECTION G-G
SCALE 2 : 1

.121

- NOTES:
- MATERIAL:
 - INSULATOR: PPS 40% GF
 - PINS: BRASS ALLOY 360, 1/2 HARD OR 385, 20 μ IN GOLD OVER NICKEL
 - ELECTRICAL:
 - POWER PIN: 10A PER PIN
 - DATA PIN: 5A
 - POGO PINS RATED FOR 100,000+ CYCLES.
 - PACKAGING:
 - ITEMS MAY BE PACKAGED IN BULK.
 - PACKAGING SHALL BE MARKED PER SN-STD-LBL REQUIREMENTS.
 - WORKMANSHIP:
 - EACH COMPLETED ASSEMBLY SHALL BE FREE FROM FLASHING, BURRS, SPLAY, AND DEFECTS.

UNLESS OTHERWISE SPECIFIED:		NAME		DATE							
DIMENSIONS ARE IN: INCHES		DRAWN		MOB		9/26/2025		TITLE: POGO PIN ASSEMBLY, 3 POS. FRONT PANEL MOUNT.			
TOLERANCES: .XX: ± 0.03 .XXX: ± 0.005		CHECKED		MOB		9/26/2025					
ANGULAR: .X*: 1° .XX*: 0.5°		COMMENTS:									
BREAK EDGES: .005 - .020 FILLETS: .005 - .020 SURFACE FINISH:											
GEOMETRIC TOLERANCING PER: ASME Y14.5 -2009				PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF SUPPLYNET, INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF SUPPLYNET INC. IS PROHIBITED.		SIZE B		DWG. NO. 1116-01-105-ASSY-F		REV A	
MATERIAL: SEE DRAWING NOTES											
FINISH: SEE DRAWING NOTES											
DO NOT SCALE DRAWING		CAGE CODE: 1HJX9				SCALE: NA		WEIGHT:		SHEET 1 OF 1	