NOTES: UNLESS OTHERWISE SPECIFIED

1 MATERIAL SPECIFICATIONS:
HOUSING: BRASS
INSULATOR: ULTEM
CONTACTS: COPPER ALLOY
OUTER CONTACT: COPPER ALLOY
ORINGS: BUNA-N
SEALANT: HIGH TEMP EPOXY

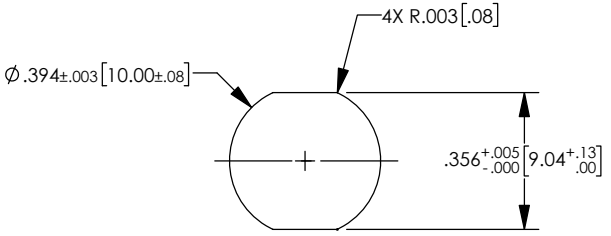
2. FINISH SPECIFICATIONS:
HOUSING: NICKEL
CONTACT: GOLD OVER NICKEL

3. ELECTRICAL SPECIFICATIONS:
VOLTAGE: 12 VDC
CURRENT: 10 AMP MAX
SIGNAL: 1000BASE-T1

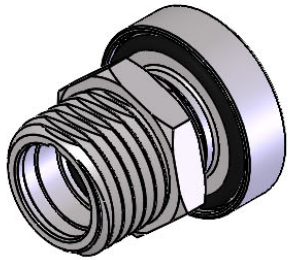
4. MECHANICAL SPECIFICATIONS:
MATING CYCLES: 500

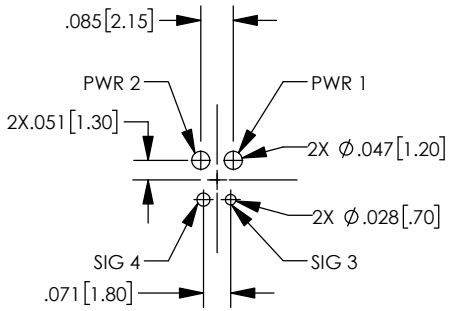
5. ENVIRONMENTAL:
IP RATING: IP69K
TEMPERATURE: -40C - +125C
VIBRATION: ISO 16750-3:2012 TEST COND. IV

6. PACKAGE ORING AND PANEL NUT SHIPPED LOOSE.

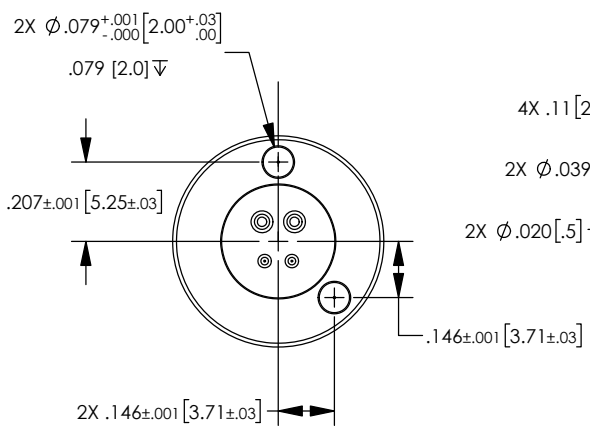


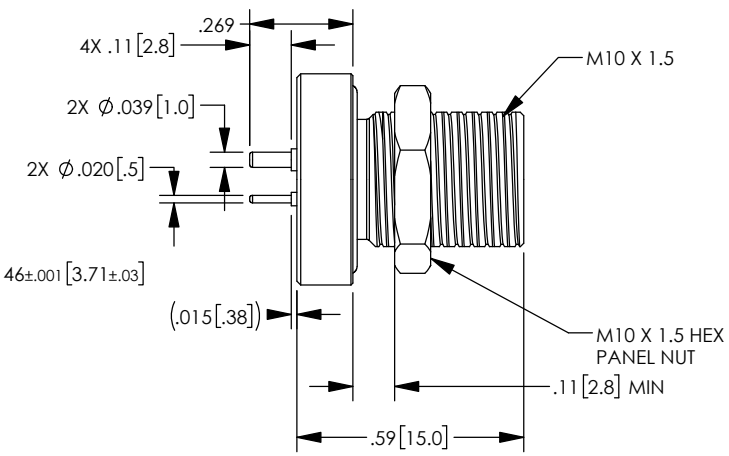
RECOMMENDED PANEL CUTOUT

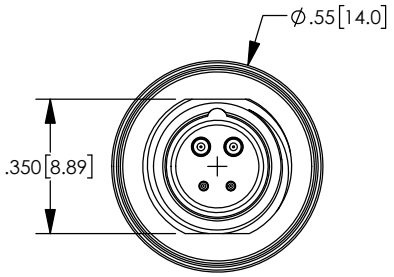




RECOMMENDED FOOTPRINT







CATALOG P/N: 116547

REV	DESCRIPTION	BY	DATE	APPD
00	PRELIMINARY DRAWING ER086992	JB	09/16/21	
01	ADDED CENTERLINE ER086992	JB	09/17/21	
A	RELEASE PER ER106372	JB	11/21/24	

THIS DRAWING, THE DESIGNS AND IDEAS EMBODIED IN THE DEVICE TO WHICH IT RELATES AND THE METHOD OF PRODUCING THE DEVICE, ARE THE PROPERTY OF WINCHESTER INTERCONNECT AND SHALL NOT BE EMPLOYED, COPIED, OR DISCLOSED TO ANYONE, IN ANY MANNER WITHOUT THE CONSENT OF WINCHESTER ELECTRONICS INTERCONNECT.

PER ASME Y14.5M-1994
UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES
TOLERANCES:
DECIMAL: .XX ± .01
.XXX ± .003
.XXXX ± .0005
ANGLES: ± 1° SCALE: 2:1

THIRD ANGLE

MATERIAL: SEE NOTES
FINISH: SEE NOTE

DRAWN	DATE	APPROVED	DATE
JB	09/16/2021		
APPROVED	DATE	APPROVED	DATE
XXX	XX/XX/XX	XXX	XX/XX/XX

Winchester Interconnect. Cable Assembly Group

P-NUT, PANEL MOUNT, 2 PWR, 2 SIG

A | SD116547 | SHT 1 OF 1 | REV A

DMF028 B