CUI INC®

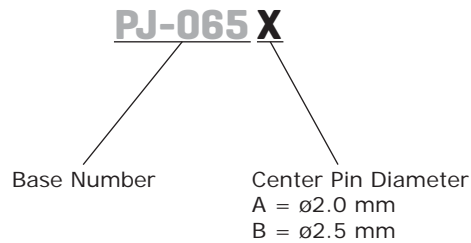## SERIES: PJ-065X | DESCRIPTION: DC POWER JACK

FEATURES
• long barrel
• mounting hardware includes nut and washer
• panel mount
• metal bushing

RoHS

PART NUMBER KEY

PJ-065 X

Base Number   Center Pin Diameter
A = ø2.0 mm
B = ø2.5 mm

SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
rated input voltage			24		Vdc
rated input current				5	A
contact resistance				30	mΩ
insulation resistance	at 500 Vdc	100			MΩ
voltage withstand	for 1 minute			500	Vac
insertion/withdrawl force		0.2		3.0	kgf
operating temperature		-25		70	°C
life			5,000		cycles

SOLDERABILITY

parameter	conditions/description	min	typ	max	units
hand soldering	for 3~5 seconds at	295	300	305	°C
wave soldering	for 3~5 seconds at	245	250	255	°C
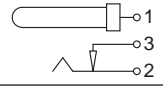
MECHANICAL DRAWING

units: mm[inches]

TOLERANCE:
±0.3mm (unless otherwise specified)
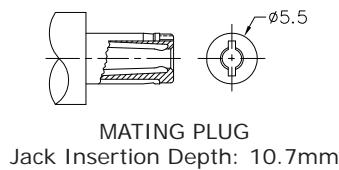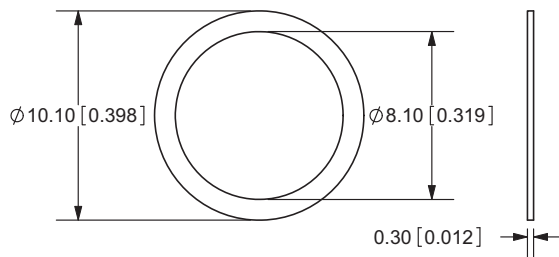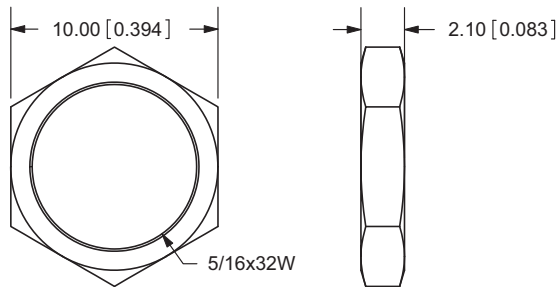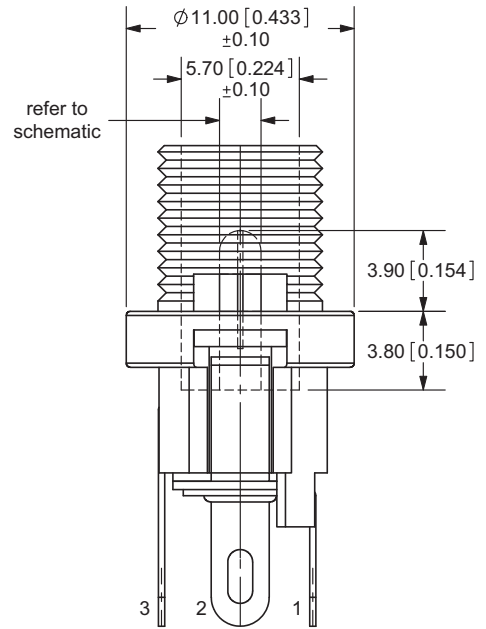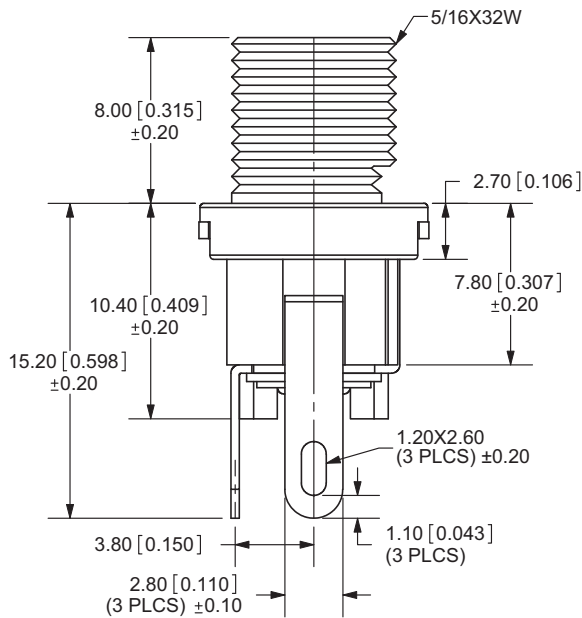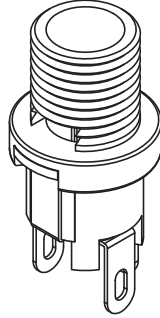
	MATERIAL	PLATING
center pin	brass	nickel
terminal 1	brass	silver
terminal 2	phosphor bronze	silver
terminal 3	brass	silver
bushing	brass	nickel
insulator	red vulcanite fiber	
plastic	PBT	
nut	brass	nickel
washer	steel	nickel

5/16X32W

8.00 [0.315] ±0.20

2.70 [0.106]

7.80 [0.307] ±0.20

10.40 [0.409] ±0.20

15.20 [0.598] ±0.20

1.20X2.60 (3 PLCS) ±0.20

3.80 [0.150]

1.10 [0.043] (3 PLCS)

2.80 [0.110] (3 PLCS) ±0.10

ø11.00 [0.433] ±0.10

5.70 [0.224] ±0.10

refer to schematic

3.90 [0.154]

3.80 [0.150]

3   2   1

10.00 [0.394]

2.10 [0.083]

5/16x32W

ø10.10 [0.398]

ø8.10 [0.319]

0.30 [0.012]

ø5.5

MATING PLUG
Jack Insertion Depth: 10.7mm

Schematic	
Model	Center Pin
PJ-065A	ø2.0 mm
PJ-065B	ø2.5 mm

REVISION HISTORY

rev.	description	date
1.0	initial release	08/03/2010
1.01	new template applied	06/14/2012
1.02	updated voltage and current rating	12/18/2012

The revision history provided is for informational purposes only and is believed to be accurate.