

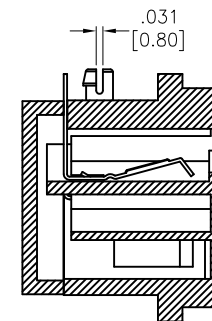
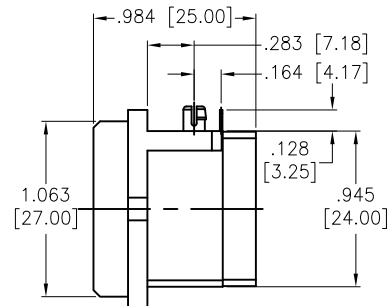
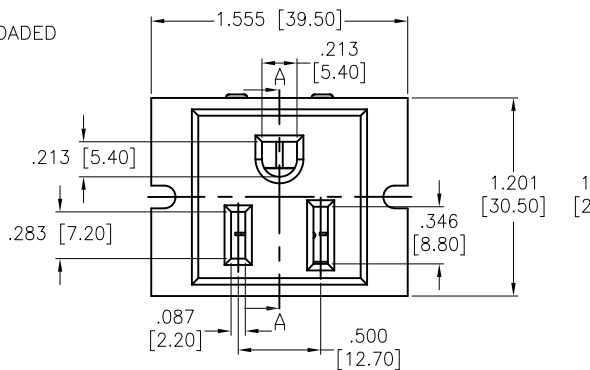
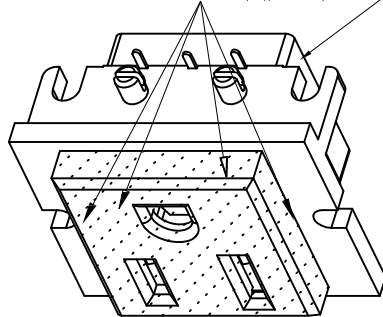
APPROVED: _____

DATE: _____ TITLE: _____

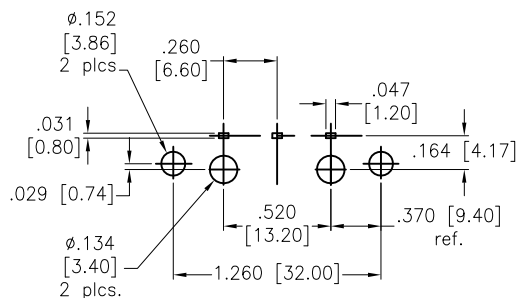
Rev	AWO #	Description	Date	Appr
C	AN4860	UPDATED SHAPE	4/8/15	HR/TW
D	AN4860	UPDATED TERMINAL THICKNESS	07/24/15	TW/SS

Add texture to front face
and all 4 faces (6# 5A)

REAR COVER
INSTALLED AFTER
CONTACTS ARE LOADED



SECTION A-A



RECOMMENDED PCB LAYOUT

SPECIFICATIONS:

Material:

Insulator: Nylon 66, rated UL94V-0

Insulator color: Black

Contacts: Phosphor Bronze, C5191, T=0.5mm

Plating:

100u" min Matte Tin on PCB tails, 80u" Min. Nickel on balance of contact, 50u" Min Copper underplate overall.

Electrical:

Operating voltage: 125 VAC

Current rating: UL 15 Amps max.

Contact Resistance: 30 milli ohms max

Insulation resistance: 100 Mega ohms min. @ 500 VDC

Dielectric withstanding voltage: 2,000 VAC for 1 minute

Leakage current shall not exceed 5 micro amps at 125VAC/60Hz

Mechanical:

Durability: 500 Mating Cycles Min.

Insertion force: 10 kgf Max.

Extraction force: 1.5~5 kgf Min.

Environmental:

Operating Temperature: -40°C to +70°C

Lead free, RoHS Compliant

Safety Agency Certifications:

UL recognized under UL 498 specifications



UNLESS OTHERWISE SPECIFIED
ALL DIMENSIONS ARE INCHES [MM]
TOLERANCES: EXCEPT AS NOTED
INCHES HOLES
.X ± .10 Ø.X ± .10
.XX ± .020 Ø.XX ± .015
.XXX ± .015 Ø.XXX ± .010

APPROVALS

DATE

DRAWN

SS

8/15/14

CHECKED

TW

8/15/14

APPROVED

ADAM TECH

909 Rahway Avenue, Union, NJ 07083

Phone: 908-687-5000 Fax: 908-687-5710

TITLE

NEMA 5-15R RECEPTACLE, FLANGED,
RIGHT ANGLE PC MOUNT

SIZE

PART NO.

NEMA-5-3-RA-AN4860-1-065

REV.

D

REF: S00087C

SCALE: NTS

SHEET 1 OF 1

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Adam Tech:](#)

[NEMA-5-3-RA-AN4860-1-065](#)