



C Female Connector Crimp/Solder Attachment 4 Hole Flange
Mount for RG214, RG9, RG225, RG393, .718 inch Hole Spacing

RF Connectors
Technical Data Sheet

PE4374

Configuration

- C Female Connector
- MIL-C-39012
- 50 Ohms
- Straight Body Geometry
- RG214, RG9, RG225, RG393 Interface Type
- Crimp/Solder Attachment
- 4 Hole Flange

Features

- Max. Operating Frequency 11 GHz
- Silver Plated Contact
- Contact plating according to QQ-S-365

Applications

- General Purpose Test
- Rack and Panel Mount Applications
- Custom Cable Assemblies

Description

Pasternack's PE4374 type C female 4 hole flange mount connector with crimp/solder attachment for RG214, RG9, RG225 and RG393 (.718 inch hole spacing) is part of our full line of RF components available for same-day shipping. Our type C female connector operates up to a maximum frequency of 11 GHz. This type C 4 hole flange connector allows designers to create external connections on their product enclosures, and can be used in a variety of other rack mount and panel mount applications.

Our type C female 4 hole flange connector PE4374 datasheet specifications and drawing with dimensions are shown below in this PDF. Pasternack's broad catalog of RF, microwave and millimeter wave connectors allows designers to configure and customize their signal connections however they like. Whether the need is to provide an I/O for a board design, or simply create a custom cable assembly configuration, Pasternack has the right connector for the job. Pasternack can also expertly build your custom cable assemblies for you and ship same-day.

Electrical Specifications

| Description | Minimum | Typical | Maximum | Units |
|--------------------------------------|---------|---------|---------|-------|
| Frequency Range | DC | | 11 | GHz |
| Operating Voltage (AC) | | | 1,000 | Vrms |
| Dielectric Withstanding Voltage (AC) | | | 3,000 | Vrms |
| Insulation Resistance | 5,000 | | | MOhms |

Mechanical Specifications

| Size | |
|------------|---------------------|
| Length | 1.553 in [39.45 mm] |
| Width/Dia. | 1 in [25.40 mm] |
| Height | 1 in [25.4 mm] |
| Weight | 0.065 lbs [29.48 g] |

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [C Female Connector Crimp/Solder Attachment 4 Hole Flange Mount for RG214, RG9, RG225, RG393, .718 inch Hole Spacing PE4374](#)



C Female Connector Crimp/Solder Attachment 4 Hole Flange Mount for RG214, RG9, RG225, RG393, .718 inch Hole Spacing

RF Connectors
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PE4374

Material Specifications

| Description | Material | Plating |
|-------------|----------|--------------------|
| Contact | | Silver QQ-S-365 |
| Insulation | Teflon | |
| Body | Brass | Nickel |

Environmental Specifications

Temperature

Operating Range -65 to +165 deg C

Compliance Certifications (see [product page](#) for current document)

Plotted and Other Data

Notes:

C Female Connector Crimp/Solder Attachment 4 Hole Flange Mount for RG214, RG9, RG225, RG393, .718 inch Hole Spacing from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99.4% availability and are part of the broadest selection in the industry.

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [C Female Connector Crimp/Solder Attachment 4 Hole Flange Mount for RG214, RG9, RG225, RG393, .718 inch Hole Spacing PE4374](#)

URL: <https://www.pasternack.com/c-female-standard-rg214-rg9-rg225-rg393-connector-pe4374-p.aspx>

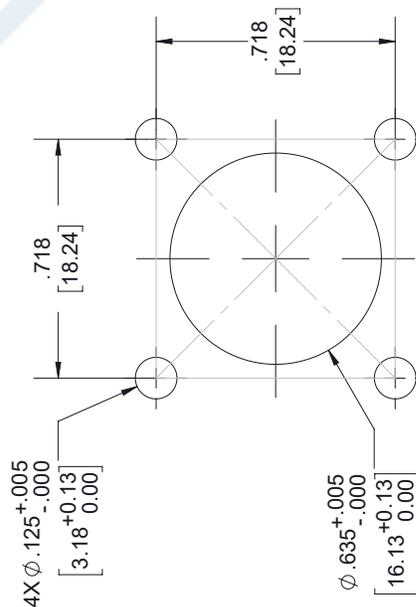
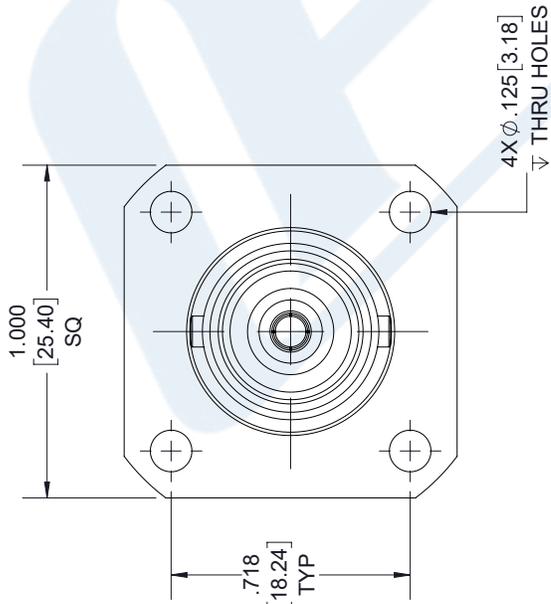
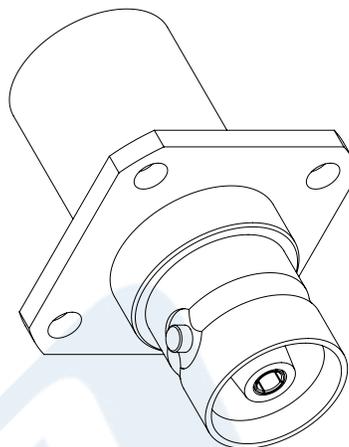
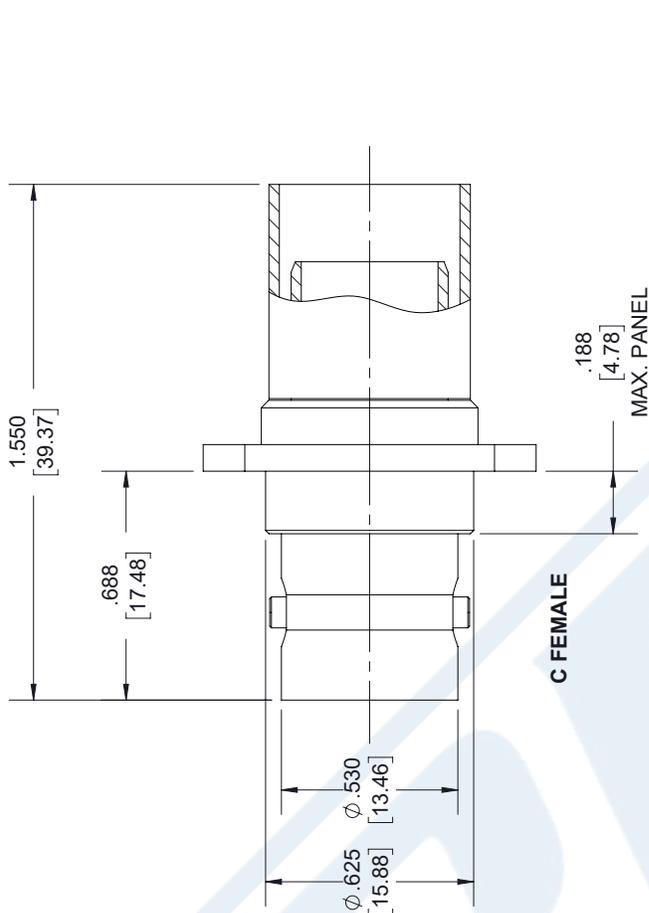
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PE4374 CAD Drawing

C Female Connector Crimp/Solder Attachment 4 Hole Flange Mount
for RG214, RG9, RG225, RG393, .718 inch Hole Spacing

REVISIONS

| REV. | DESCRIPTION | DATE | APPROVED |
|------|---------------------|----------|----------|
| 1.1 | PCR PE4374 04102019 | 04/24/19 | J.GARCIA |



UNLESS OTHERWISE SPECIFIED
LEADING DIMENSIONS ARE INCHES
DIMENSIONS IN [] ARE MILLIMETERS

TOLERANCES:
X±.2 [5.08] FRACTIONS
XX±.01 [0.25] ±132
XXX±.005 [0.13] ANGLES ± 1°

ALL DIMENSIONS SHOWN
ARE FOR REFERENCE ONLY.

THIRD-ANGLE PROJECTION



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SHEET 1 OF 1
SCALE N/A

| SIZE | CAGE | DRAWN BY | PART NUMBER | REV |
|------|-------|----------|-------------|-----|
| A | 53919 | K.DANG | PE4374 | 1.1 |

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RP BNC Male Right Angle Connector Clamp/Solder Attachment for RG213, RG214, RG8, RG9, RG225, RG393, RG215

RF Connectors Technical Data Sheet

PE4727

Configuration

- BNC Male Reverse Polarity Connector
- MIL-STD-348
- 50 Ohms
- Right Angle Body Geometry
- RG213, RG214, RG8, RG9, RG225, RG393, RG215 Interface Type
- Clamp/Solder Attachment

Features

- Silver Plated Contact
- Contact plating according to QQ-S-365
- Reverse Polarity

Applications

- General Purpose Test
- Custom Cable Assemblies

Description

Pasternack's PE4727 RP BNC male right angle connector with clamp/solder attachment for RG213, RG214, RG8, RG9, RG225, RG393 and RG215 is part of our full line of RF components available for same-day shipping. The male reverse polarity configuration uses a male connector body with a female inner contact receptacle. Its right angle body geometry allows for easier connections in tight spaces.

Our reverse polarity BNC male right angle connector PE4727 datasheet specifications and drawing with dimensions are shown below in this PDF. Pasternack's broad catalog of RF, microwave and millimeter wave connectors allows designers to configure and customize their signal connections however they like. Whether the need is to provide an I/O for a board design, or simply create a custom cable assembly configuration, Pasternack has the right connector for the job. Pasternack can also expertly build your custom cable assemblies for you and ship same-day.

Mechanical Specifications

| Size | |
|------------|---------------------|
| Length | 1.84 in [46.74 mm] |
| Width/Dia. | 0.75 in [19.05 mm] |
| Height | 1.165 in [29.59 mm] |
| Weight | 0.151 lbs [68.49 g] |

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [RP BNC Male Right Angle Connector Clamp/Solder Attachment for RG213, RG214, RG8, RG9, RG225, RG393, RG215 PE4727](#)



RP BNC Male Right Angle Connector Clamp/Solder Attachment
 for RG213, RG214, RG8, RG9, RG225, RG393, RG215

RF Connectors Technical Data Sheet

PE4727

Material Specifications

| Description | Material | Plating |
|--------------|----------|--------------------|
| Contact | | Silver QQ-S-365 |
| Insulation | PTFE | |
| Body | Brass | Nickel QQ-N-290 |
| Coupling Nut | Brass | Nickel QQ-N-290 |

Environmental Specifications

Temperature

Operating Range

-65 to +165 deg C

Compliance Certifications (see [product page](#) for current document)

Plotted and Other Data

Notes:

RP BNC Male Right Angle Connector Clamp/Solder Attachment for RG213, RG214, RG8, RG9, RG225, RG393, RG215 from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99% availability and are part of the broadest selection in the industry.

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [RP BNC Male Right Angle Connector Clamp/Solder Attachment for RG213, RG214, RG8, RG9, RG225, RG393, RG215 PE4727](#)

URL: <https://www.pasternack.com/bnc-male-reverse-polarity-rg213-rg214-rg8-rg9-rg225-rg393-connector-pe4727-p.aspx>

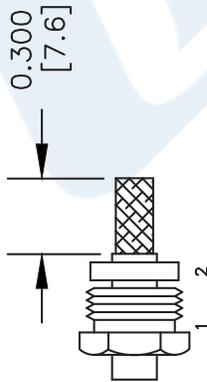
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PE4727 CAD Drawing

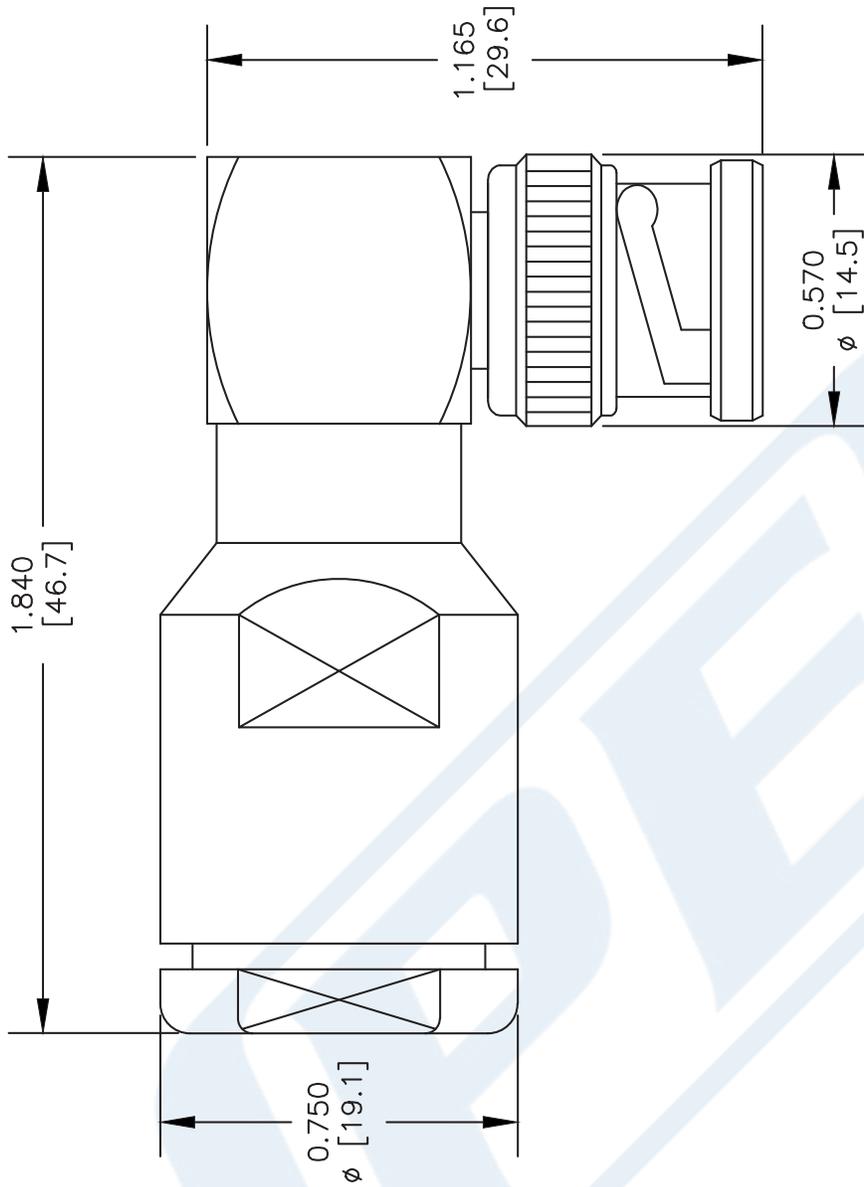
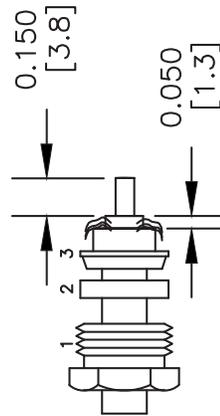
RP BNC Male Right Angle Connector Clamp/Solder Attachment
for RG213, RG214, RG8, RG9, RG225, RG393, RG215

ASSEMBLY PROCEDURES

1. SLIDE CLAMP NUT (1) & GASKET (2) OVER CABLE. STRIP CABLE AS SHOWN. DO NOT NICK BRAID WHILE CUTTING JACKET. TAPER END OF BRAID TO PERMIT ASSEMBLY OF BRAID CLAMP (3) SLIDE BRAID CLAMP(3) OVER BRAID & SEAT AGAINST CABLE.



2. FORM BRAID OVER CLAMP NUT (3). TRIM BRAID BACK TO SHOULDER. CUT DIELECTRIC TO DIMENSION SHOWN. DO NOT NICK CENTER CONDUCTOR. SOLDER CONTACT TO CENTER CONDUCTOR. REMOVE EXCESS SOLDER. DO NOT OVER HEAT DIELECTRIC. INSERT CABLE ASSEMBLY INTO BODY & TIGHTEN.



DWG TITLE

PE4727

NOTES:

1. UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE NOMINAL.
2. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME.
3. DIMENSIONS ARE IN INCHES [mm].
4. FITS MIL-C-17 AND EQUIVALENT CABLES.

FSCM NO. 53919

CAD FILE 060502

SCALE N/A

SIZE A

XXXX



PASTERNAK®

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Flexible RG214 Coax Cable Double Shielded with Black PVC Jacket

RF Cables Technical Data Sheet

RG214/U

Configuration

- Flexible Cable
- 2 Shield(s)

Electrical Specifications

| Description | Minimum | Typical | Maximum | Units |
|-------------------------|---------|---------------|---------|--------------|
| Frequency Range | DC | | 11 | GHz |
| Impedance | | 50 | | Ohms |
| Velocity of Propagation | | 66 | | % |
| Operating Voltage (AC) | | | 5,000 | Vrms |
| Nominal Capacitance | | 30.8 [101.05] | | pF/ft [pF/m] |

Performance by Frequency Band

| Description | F1 | F2 | F3 | F4 | F5 | Units |
|------------------|------|------|------|-------|--------|----------|
| Frequency | 0.01 | 0.1 | 1 | 5 | 10 | GHz |
| Attenuation, Typ | 0.64 | 2.07 | 7.68 | 20.68 | 36.51 | dB/100ft |
| | 2.1 | 6.79 | 25.2 | 67.85 | 119.78 | |

Mechanical Specifications

| | |
|-----------------------------|--------------------------|
| Diameter | 0.425 in [10.8 mm] |
| Weight | 0.122 lbs/ft [0.18 Kg/m] |
| Min. Bend Radius (Repeated) | 1.6 in [40.64 mm] |

Construction Specifications

| Description | Material and Plating | Diameter |
|-----------------|--|--------------------|
| Inner Conductor | Copper, Silver, 7 Strands (7 X 0.02961) | 0.089 in [2.26 mm] |
| Conductor Type | Stranded | |
| Dielectric | PE | 0.285 in [7.24 mm] |
| First Shield | Silver Plated Copper Braid | |

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Flexible RG214 Coax Cable Double Shielded with Black PVC Jacket RG214/U](#)



Flexible RG214 Coax Cable Double Shielded with Black PVC Jacket

RF Cables Technical Data Sheet

RG214/U

| | | |
|---------------|--|--------------------|
| | 90% coverage | |
| Second Shield | Silver Plated Copper Braid 90% coverage | 0.331 in [8.41 mm] |
| Jacket | PVC, Black | 0.425 in [10.8 mm] |

Environmental Specifications

Temperature

Operating Range -20 to +80 deg C

Compliance Certifications (see [product page](#) for current document)

Plotted and Other Data

Notes:

Flexible RG214 Coax Cable Double Shielded with Black PVC Jacket from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99.4% availability and are part of the broadest selection in the industry.

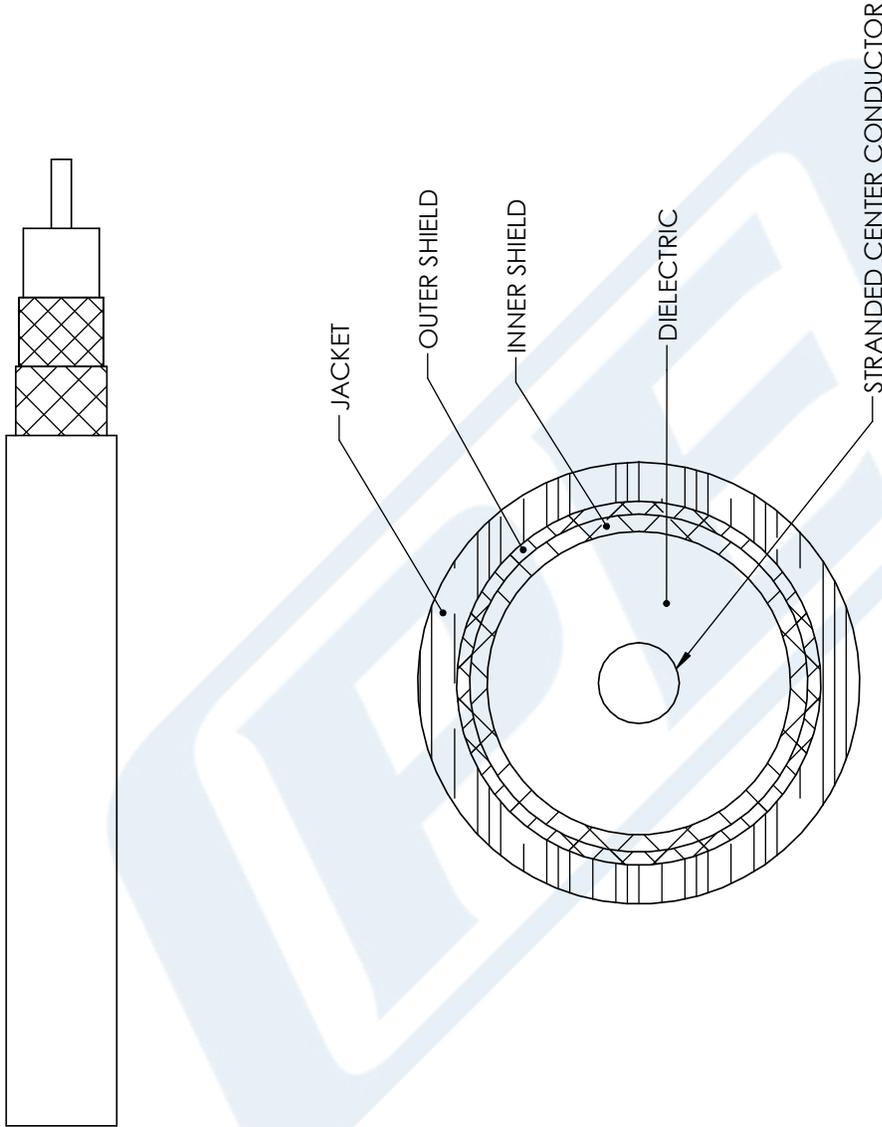
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Flexible RG214 Coax Cable Double Shielded with Black PVC Jacket RG214/U](#)

URL: <https://www.pasternack.com/flexible-0.425-rg214-50-ohm-coax-cable-pvc-jacket-rg214-u-p.aspx>

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RG214/U CAD Drawing

Flexible RG214 Coax Cable Double Shielded with Black PVC Jacket



STANDARD TOLERANCES

- .X ±0.2
- .XX ±0.01
- .XXX ±0.005

*STANDARD TOLERANCES APPLY ONLY TO DIMENSIONS IN INCHES

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| | |
|-----------|---------|
| DWG TITLE | RG214-U |
| CAGE CODE | 53919 |

| | | | |
|---|----------|-------|-----|
| NOTES: 1. UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE NOMINAL. 2. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME. 3. DIMENSIONS ARE IN INCHES [mm]. | | | |
| CAD FILE | 11/29/17 | SCALE | N/A |
| SIZE | A | SIZE | A |
| CN | 2245 | SIZE | A |