



2.4mm Female Connector Clamp/Solder Attachment for PE-SR405AL, PE-SR405FL, PE-SR405FLJ, PE-SR405TN, RG405

RF Connectors Technical Data Sheet

PE44216

Configuration

- 2.4mm Female Connector
- 50 Ohms
- Straight Body Geometry
- PE-SR405AL, PE-SR405FL, PE-SR405FLJ, PE-SR405TN, RG405 Interface Type
- Clamp/Solder Attachment

Features

- Gold over Nickel Plated Beryllium Copper Contact
- 50 μ m minimum contact plating

Applications

- General Purpose Test
- Custom Cable Assemblies

Description

Pasternack's PE44216 2.4mm female connector with clamp/solder attachment for PE-SR405AL, PE-SR405FL, PE-SR405FLJ, PE-SR405TN and RG405 is part of our full line of RF components available for same-day shipping.

Our 2.4mm female connector PE44216 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	0.97 in [24.64 mm]
Width/Dia.	0.33 in [8.38 mm]
Weight	0.018 lbs [8.16 g]

Material Specifications

Description	Material	Plating
Contact	Beryllium Copper	Gold over Nickel 50 μ m minimum
Insulation	PEI	
Body	Passivated Stainless Steel	SAE-AMS-2700

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [2.4mm Female Connector Clamp/Solder Attachment for PE-SR405AL, PE-SR405FL, PE-SR405FLJ, PE-SR405TN, RG405 PE44216](#)



2.4mm Female Connector Clamp/Solder Attachment for PE-SR405AL, PE-SR405FL, PE-SR405FLJ, PE-SR405TN, RG405

RF Connectors Technical Data Sheet

PE44216

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

Plotted and Other Data

Notes:

2.4mm Female Connector Clamp/Solder Attachment for PE-SR405AL, PE-SR405FL, PE-SR405FLJ, PE-SR405TN, RG405 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.

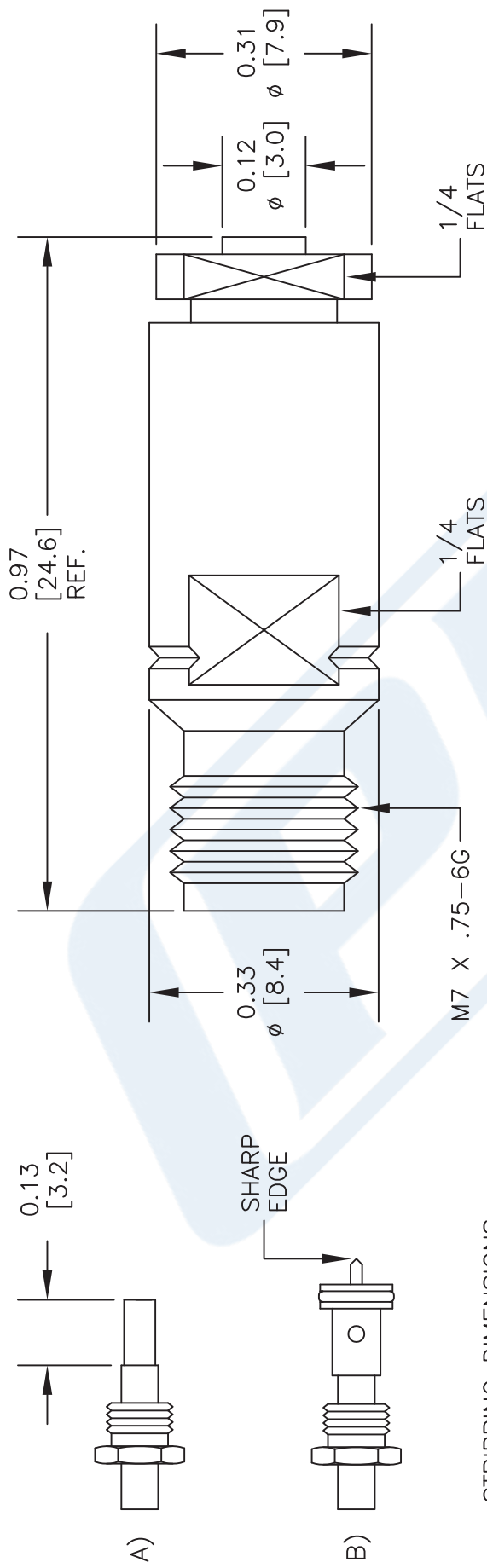
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [2.4mm Female Connector Clamp/Solder Attachment for PE-SR405AL, PE-SR405FL, PE-SR405FLJ, PE-SR405TN, RG405 PE44216](#)

URL: <https://www.pasternack.com/2.4mm-female-standard-pe-sr405al-pe-sr405fl-rg405-connector-pe44216-p.aspx>

The information contained in this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part, in order to implement improvements. Pasternack reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Pasternack does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Pasternack does not assume any liability arising out of the use of any part or documentation.

PE44216 CAD Drawing

2.4mm Female Connector Clamp/Solder Attachment for PE-SR405AL, PE-SR405FL, PE-SR405FLJ, PE-SR405TN, RG405



STRIPPING DIMENSIONS

ASSEMBLY PROCEDURES

1. SLIDE CLAMP NUT OVER CABLE. STRIP CABLE AS SHOWN IN (A). DO NOT NICK DIELECTRIC.
2. INSERT CABLE THRU ADAPTER UNTIL IT BOTTOMS OUT. SOLDER OUTER CONDUCTOR TO ADAPTER & TRIM DIELECTRIC AS SHOWN IN (B).
3. SCREW ASSEMBLY INTO BODY & TIGHTEN NUT.

DWG TITLE

PE44216

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.

PE PASTERNAK®
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FSCM NO. 53919

CAD FILE 053014

SCALE N/A

SIZE A

2233



BNC Male Connector Clamp/Solder Attachment for PE-SR405AL, PE-SR405FL, RG405

RF Connectors Technical Data Sheet

PE4207

Configuration

- BNC Male Connector
- 50 Ohms
- Straight Body Geometry
- PE-SR405AL, PE-SR405FL, RG405 Interface Type
- Clamp/Solder Attachment

Applications

- General Purpose Test
- Custom Cable Assemblies

Description

Pasternack's PE4207 BNC male connector with clamp/solder attachment for PE-SR405AL, PE-SR405FL and RG405 is part of our full line of RF components available for same-day shipping.

Our BNC male connector PE4207 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

Weight 0.041 lbs [18.6 g]

Material Specifications

Description	Material	Plating
Body	Brass	Nickel

Environmental Specifications

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

Plotted and Other Data

Notes:

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [BNC Male Connector Clamp/Solder Attachment for PE-SR405AL, PE-SR405FL, RG405 PE4207](#)

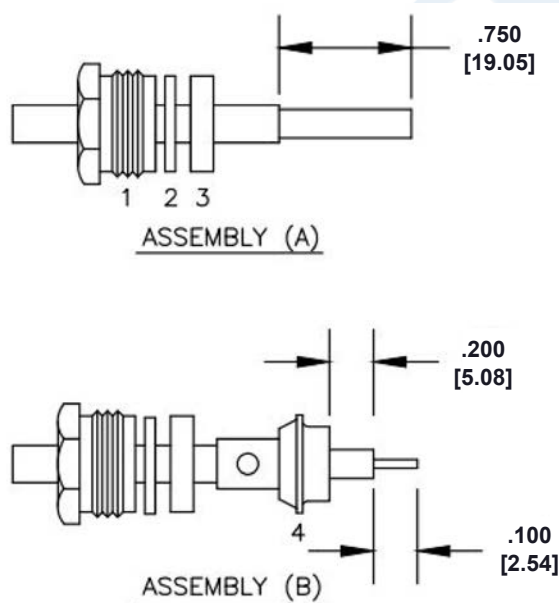


BNC Male Connector Clamp/Solder Attachment
for PE-SR405AL, PE-SR405FL, RG405

RF Connectors
Technical Data Sheet

PE4207

Assembly Instruction



ASSEMBLY PROCEDURES

1. SLIDE CLAMP NUT (1) & GASKET (2) OVER CABLE. STRIP CABLE AS SHOWN IN ASSEMBLY (A). DO NOT CUT DIELECTRIC.
2. SLIDE ADAPTER (3) OVER CABLE UNTIL ADAPTER (3) BOTTOMS ON OUTER CONDUCTOR. SOLDER ADAPTER (3) TO OUTER CONDUCTOR USING MINIMUM HEAT.
3. STRIP CABLE AS SHOWN IN ASSEMBLY (B). SOLDER CONTACT TO CENTER CONDUCTOR. SLIDE ASSEMBLY FORWARD & TIGHTEN TO BODY.

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [BNC Male Connector Clamp/Solder Attachment for PE-SR405AL, PE-SR405FL, RG405 PE4207](#)



BNC Male Connector Clamp/Solder Attachment for PE-SR405AL, PE-SR405FL, RG405

RF Connectors Technical Data Sheet

PE4207

BNC Male Connector Clamp/Solder Attachment for PE-SR405AL, PE-SR405FL, RG405 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: [BNC Male Connector Clamp/Solder Attachment for PE-SR405AL, PE-SR405FL, RG405 PE4207](https://www.pasternack.com/bnc-male-standard-pe-sr405al-pe-sr405fl-rg405-connector-pe4207-p.aspx)

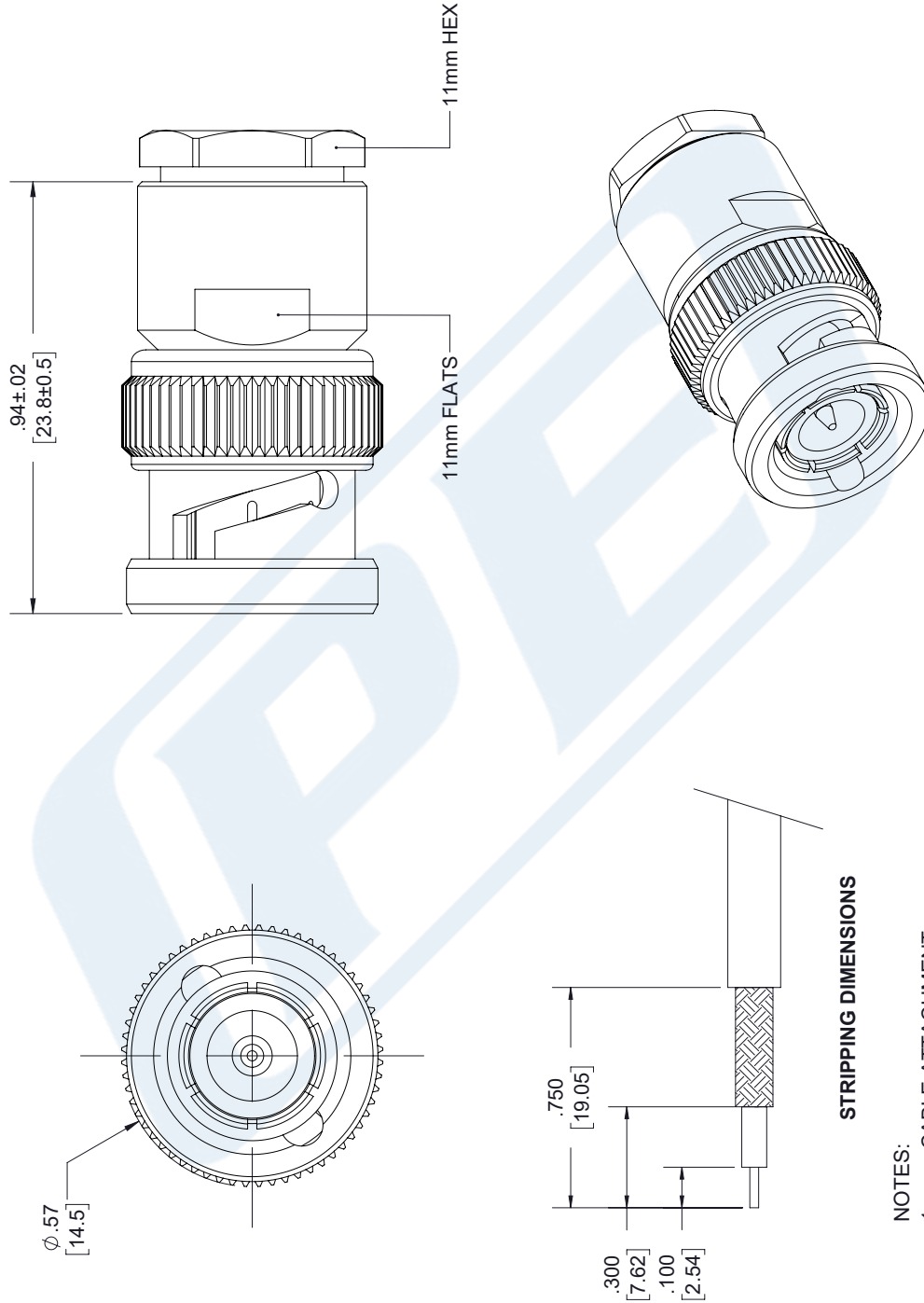
URL: <https://www.pasternack.com/bnc-male-standard-pe-sr405al-pe-sr405fl-rg405-connector-pe4207-p.aspx>

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PE4207 CAD Drawing

BNC Male Connector Clamp/Solder Attachment for PE-SR405AL, PE-SR405FL, RG405

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
1.1	PCR PE4207 20190411	04/27/19	J.GARCIA



STRIPPING DIMENSIONS

NOTES:

1. CABLE ATTACHMENT:
• OUTER: CLAMP.
• INNER: SOLDER.

UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE INCHES DIMENSIONS IN [] ARE MILLIMETERS	
TOLERANCES:	FRACTIONS
X ± .2 [5.08]	± .132
XX ± .01 [.25]	± .005
XXX ± .005 [.13]	± .001
ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY.	
THIRD-ANGLE PROJECTION	

PE PASTERNAK an INFINITO brand	
Pasternack Enterprises, Inc. P.O. Box 16759, Irvine, CA 92623. Phone: 1.949.261.1920 1.866.727.8376 Fax: 1.949.261.7451 www.pasternack.com e-mail: sales@pasternack.com	
SIZE	53919
CAGE	K.DANG
DRAWN BY	PE4207
PART NUMBER	REV
	1.1

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SHEET	1 OF 2
SCALE	N/A

Formable 086 Semi-rigid Coax Cable with Tinned Copper Braid Outer Conductor

RF Cables Technical Data Sheet

PE-SR405FL

Configuration

- Formable Cable
- 1 Shield(s)

Features

- Dimensionally the same as standard solid outer conductor semi-rigid coax
- Standard semi-rigid connectors can be used
- Cable is hand formable and does not require special tools to bend
- Connectors are easily soldered to Tin soaked outer conductor
- Cable can be formed more than once without damage to outer conductor
- High RF Shielding >100 dB

Description

Formable semi-rigid coax is a hand formable version of standard semi-rigid that does not require complicated and costly pre-formed cable assemblies. Because the dimensions and electrical characteristics are so closely matched to semi-rigid coax, standard semi-rigid connectors can be used. The tin soaked copper braid outer shield provides excellent RF shielding.

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		20	GHz
Impedance		50		Ohms
Velocity of Propagation		69.5		%
Inner Conductor DC Resistance			65.7	Ohms/1000ft
Outer Conductor DC Resistance			10.2	Ohms/1000ft
Nominal Capacitance		29 [95.14]		pF/ft [pF/m]

Performance by Frequency Band

Description	F1	F2	F3	F4	F5	Units
Frequency	0.5	1	5	10	20	GHz
Attenuation, Typ	15	22.5	54.9	81.2	120	dB/100ft
	49.21	73.82	180.12	266.4	393.7	dB/100m

Mechanical Specifications

Min. Bend Radius (Repeated) 0.78 in [19.81 mm]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Formable 086 Semi-rigid Coax Cable with Tinned Copper Braid Outer Conductor PE-SR405FL](#)

Formable 086 Semi-rigid Coax Cable with Tinned Copper Braid Outer Conductor

RF Cables Technical Data Sheet

PE-SR405FL

Construction Specifications

Description	Material and Plating	Diameter
Inner Conductor	Copper Clad Steel, Silver, 1 Strands	0.02 in [0.51 mm]
Conductor Type	Solid	
Dielectric	PTFE	0.062 in [1.57 mm]
Outer Conductor	Copper, Tin	0.085 in [2.16 mm]

Environmental Specifications

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

Plotted and Other Data

Notes:

Formable 086 Semi-rigid Coax Cable with Tinned Copper Braid Outer Conductor 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.

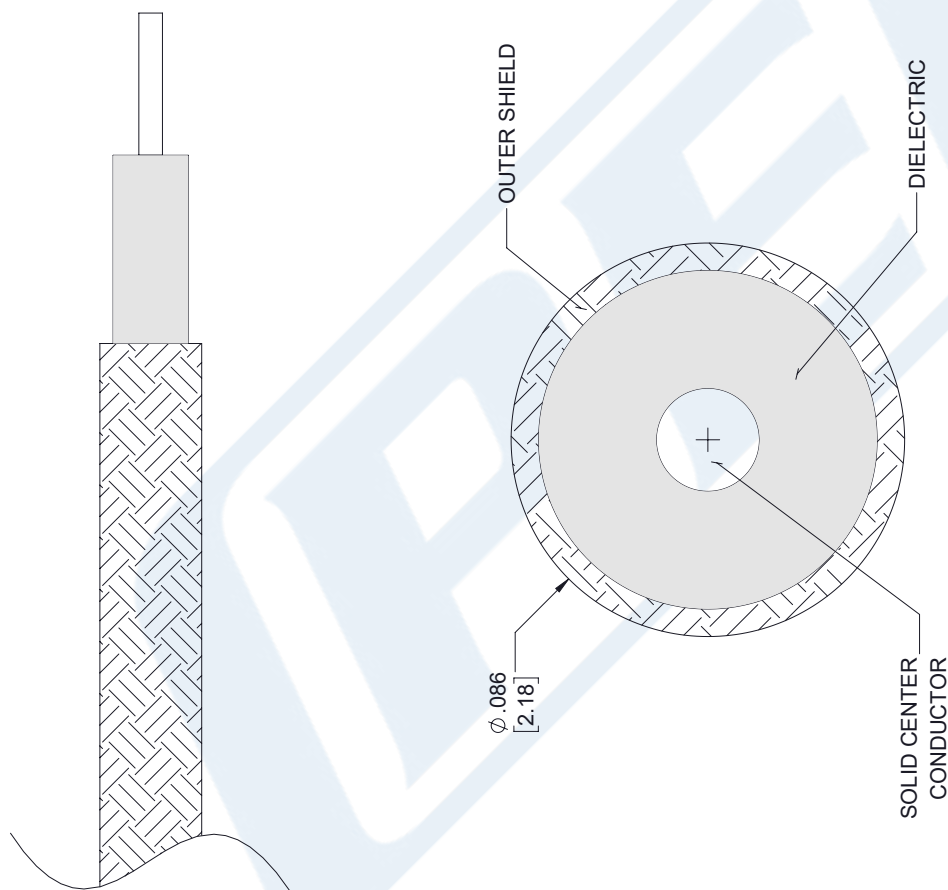
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Formable 086 Semi-rigid Coax Cable with Tinned Copper Braid Outer Conductor PE-SR405FL](#)

URL: <https://www.pasternack.com/formable-0.085-semirigid-replacement-50-ohm-coax-cable-tinned-braid-pe-sr405fl-p.aspx>

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PE-SR405FL CAD Drawing

Formable 086 Semi-rigid Coax Cable with Tinned Copper Braid Outer Conductor



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

PE-SR405FL

NOTES:
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3. DIMENSIONS ARE IN INCHES [mm].

CAGE CODE 53919

CAD FILE 112117

SCALE N/A

SIZE A

7361