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1.0/2.3 Jack Bulkhead Connector Crimp/Solder Attachment For RG174, RG316, RG188, .217 inch DD Hole

TECHNICAL DATA SHEET PE44254

1.0/2.3 Jack Bulkhead Connector Crimp/Solder Attachment For RG174, RG316, RG188, .217 inch DD Hole

Configuration

Connector	1.0/2.3 Jack
Connector Interface Type	RG174,RG316,RG188
Cable Attachment Method (Shield/Contact)	Crimp/Solder
Body Style	Straight
Mount Method	Bulkhead

Electrical Specifications

Impedance, Ohms	50

Mechanical Specifications

Size

Length, in [mm]	0.955 [24.26]
Width/Dia., in [mm]	0.275 [6.99]
Weight, lbs [g]	0.006 [2.72]

Connector

Type	1.0/2.3 Jack
Contact Material and Plating	Gold
Body Material and Plating	Brass, Gold
Dielectric Type	PTFE

Compliance Certifications (visit www.Pasternack.com for current document)

RoHS Compliant	Yes

Plotted and Other Data

Notes:	Values at 25 °C, sea level

1.0/2.3 Jack Bulkhead Connector Crimp/Solder Attachment For RG174, RG316, RG188, .217 inch DD Hole from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and fiber optic 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: 1.0/2.3 Jack Bulkhead Connector Crimp/Solder Attachment For RG174, RG316, RG188, .217 inch DD Hole PE44254

URL: http://www.pasternack.com/1.0-2.3-jack-standard-rg174-rg316-rg188-connector-pe44254-p.aspx

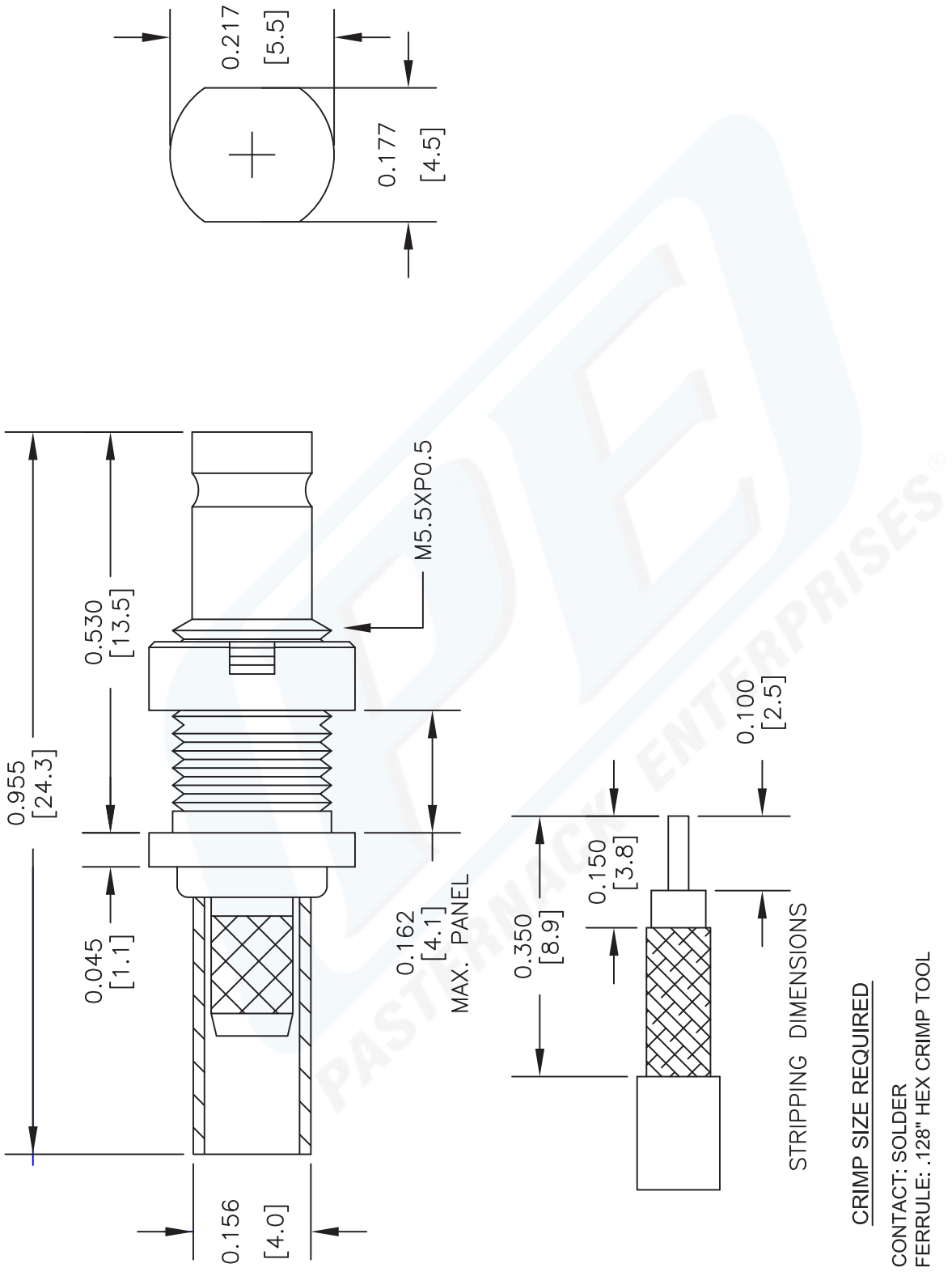
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Phone: (866) 727-8376 or (949) 261-1920 • **Fax:** (949) 261-7451
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PE44254 CAD Drawing

1.0/2.3 Jack Bulkhead Connector Crimp/Solder Attachment
For RG174, RG316, RG188, .217 inch DD Hole



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.

CAD FILE	080102	SCALE N/A	SIZE A	2233

DWG TITLE **PE44254**

FSCM NO. 53919

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SMA Male Connector Crimp/Solder Attachment for RG174, RG316, RG188 Gold Plated

RF Connectors Technical Data Sheet PE45145

Configuration

- SMA Male Connector
- 50 Ohms
- Straight Body Geometry
- RG174, RG316, RG188 Interface Type
- Crimp/Solder Attachment
- 5/16 in Hex

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		12.4	GHz

Mechanical Specifications

Size

Length	0.654 in [16.61 mm]
Weight	0.01 lbs [4.54 g]
Mating Torque	5 in-lbs [0.57 Nm]

Material Specifications

Description	Material	Plating
Contact	Brass	Gold
Insulation	PTFE	
Body	Brass	Gold
Coupling Nut	Brass	Gold

Click the following link (or enter part number in “SEARCH” on website) to obtain additional part information including price, inventory and certifications: SMA Male Connector Crimp/Solder Attachment for RG174, RG316, RG188 Gold Plated PE45145

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SMA Male Connector Crimp/Solder Attachment for RG174, RG316, RG188 Gold Plated

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

SMA Male Connector Crimp/Solder Attachment for RG174, RG316, RG188 Gold Plated 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: SMA Male Connector Crimp/Solder Attachment for RG174, RG316, RG188 Gold Plated PE45145

URL: https://www.pasternack.com/sma-male-rg174-rg316-rg188-connector-pe45145-p.aspx

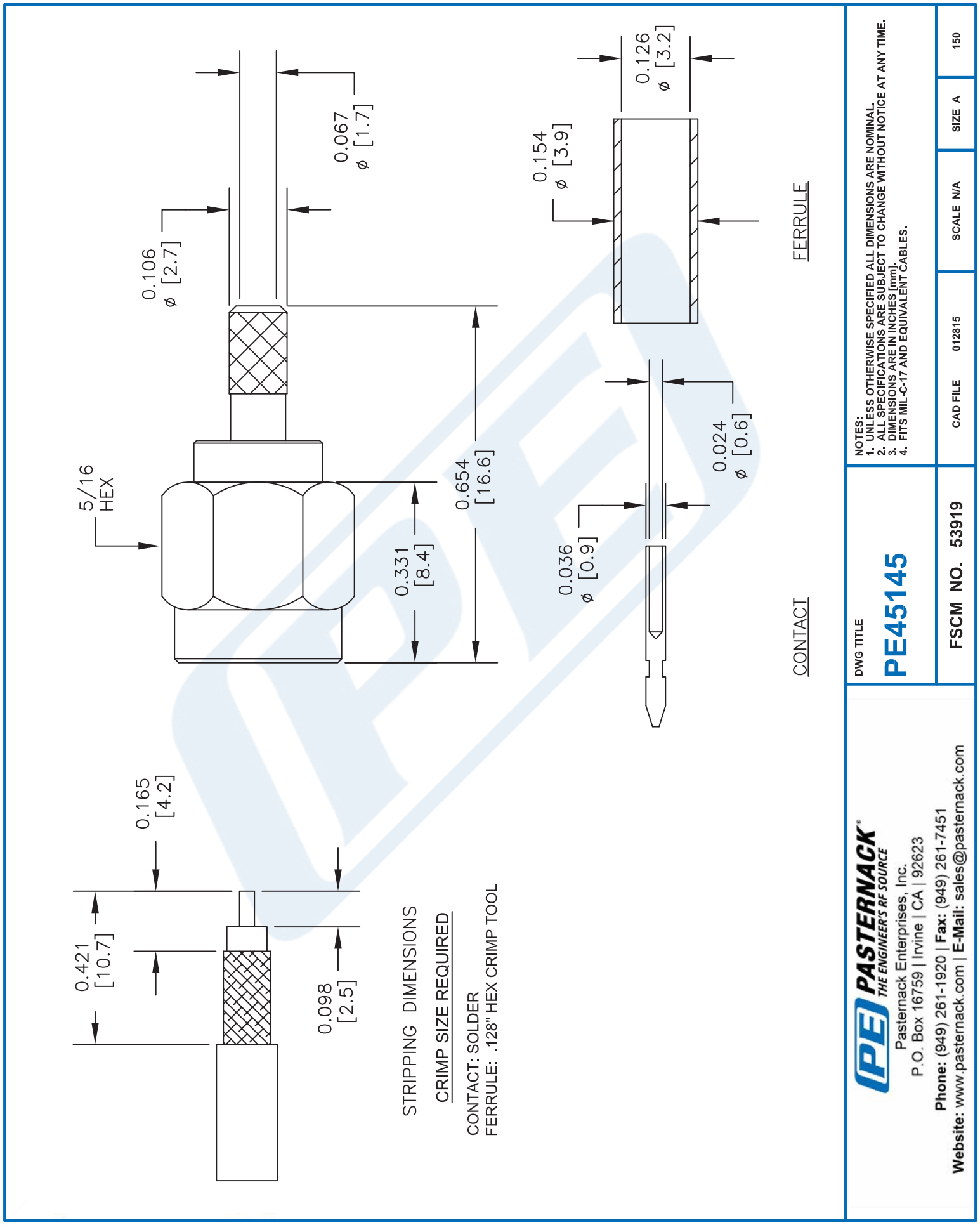
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PE45145 CAD Drawing

SMA Male Connector Crimp/Solder Attachment for RG174, RG316, RG188 Gold Plated



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Flexible RG174 Coax Cable Single Shielded with Black PVC Jacket

RF Cables Technical Data Sheet

RG174A/U

Configuration

- Flexible Cable
- 1 Shield(s)

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		1,000	MHz
Impedance		50		Ohms
Velocity of Propagation		66		%
Nominal Capacitance		31.08 [101.97]		pF/ft [pF/m]

Performance by Frequency Band

Description	F1	F2	F3	F4	F5	Units
Frequency	100	400	1,000			MHz
Attenuation, Typ	8.4	27.56	32			dB/100ft
	27.56	90.42	104.99			dB/100m

Mechanical Specifications

Diameter	0.11 in [2.79 mm]
Weight	0.009 lbs/ft [0.01 Kg/m]

Construction Specifications

Description	Material and Plating	Diameter
Inner Conductor	Copper Clad Steel, 7 Strands	0.019 in [0.48 mm]
Conductor Type	Stranded	
Dielectric	PE	0.06 in [1.52 mm]
First Shield	Tinned Copper Braid	0.078 in [1.98 mm]

Click the following link (or enter part number in “SEARCH” on website) to obtain additional part information including price, inventory and certifications: Flexible RG174 Coax Cable Single Shielded with Black PVC Jacket RG174A/U

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Flexible RG174 Coax Cable Single Shielded with Black PVC Jacket

RF Cables Technical Data Sheet RG174A/U

Jacket	PVC, Black	0.11 in [2.79 mm]

Environmental Specifications

Temperature

Operating Range	-40 to +80 deg C

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

Flexible RG174 Coax Cable Single 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 RG174 Coax Cable Single Shielded with Black PVC Jacket RG174A/U

URL: https://www.pasternack.com/flexible-0.100-rg174-50-ohm-coax-cable-pvc-jacket-rg174a-u-p.aspx

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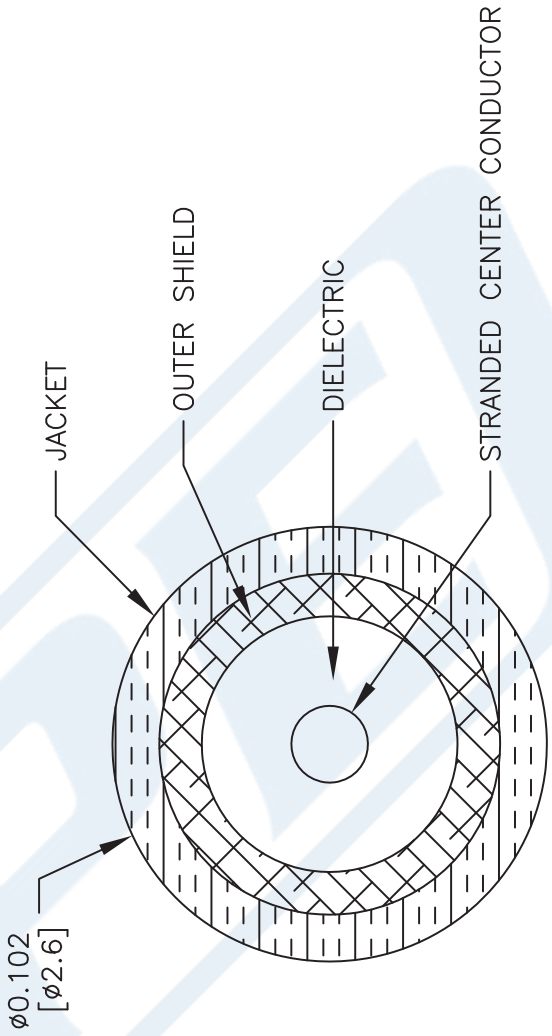
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RG174A/U CAD Drawing

Flexible RG174 Coax Cable Single Shielded with Black PVC Jacket





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CAD FILE	SCALE	SIZE
111716	N/A	A

DWG TITLE: RG174A/U

FSCM NO. 53919

41742

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