PASTERNACK®
THE ENGINEER'S RF SOURCE

D-Sub Plug Contact Crimp/Solder Attachment for RG174, RG316, RG188, 0.100 inch, PE-B100, PE-C100, LMR-100



Configuration

- D-Sub Plug Connector
- 50 Ohms
- Straight Body Geometry
- RG174, RG316, RG188, 0.100 inch, PE-B100, PE-C100, LMR-100 Interface Type
- Crimp/Solder Attachment

Features

- Max. Operating Frequency 900 MHz
- Gold over Nickel Plated Beryllium Copper Contact
- Contact plating according to MIL-G-45204

Applications

- General Purpose Test
- Custom Cable Assemblies

Description

Pasternack's PE4809 D-Sub plug contact crimp/solder attachment for RG174, RG316, RG188, 0.100 inch, PE-B100, PE-C100 and LMR-100 is part of our full line of RF components available for same-day shipping. Our D-Sub plug connector operates up to a maximum frequency of 900 MHz.

Our D-Sub plug connector PE4809 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		900	MHz

Mechanical Specifications

Size

Length	0.94 in [23.88 mm]
Width/Dia.	0.18 in [4.57 mm]
Weight	0.0027 lbs [1.22 g]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: D-Sub Plug Contact Crimp/Solder Attachment for RG174, RG316, RG188, 0.100 inch, PE-B100, PE-C100, LMR-100 PE4809

Pasternack Enterprises, Inc. • P.O. Box 16759, Irvine, CA 92623
Phone: (866) 727-8376 or (949) 261-1920 • **Fax:** (949) 261-7451
Sales@Pasternack.com • Techsupport@Pasternack.com

© 2016 Pasternack Enterprises All Rights Reserved

PASTERNACK®
THE ENGINEER'S RF SOURCE

D-Sub Plug Contact Crimp/Solder Attachment for RG174, RG316, RG188, 0.100 inch, PE-B100, PE-C100, LMR-100



Material Specifications

Description	Material	Plating
Contact	Beryllium Copper	Gold over Nickel MIL-G-45204
Insulation	PTFE	
Body	Brass	Gold over Nickel MIL-G-45204

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

D-Sub Plug Contact Crimp/Solder Attachment for RG174, RG316, RG188, 0.100 inch, PE-B100, PE-C100, LMR-100 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: D-Sub Plug Contact Crimp/Solder Attachment for RG174, RG316, RG188, 0.100 inch, PE-B100, PE-C100, LMR-100 PE4809

URL: https://www.pasternack.com/d-sub-plug-standard-rg174-rg316-rg187-rg188-connector-pe4809-p.aspx

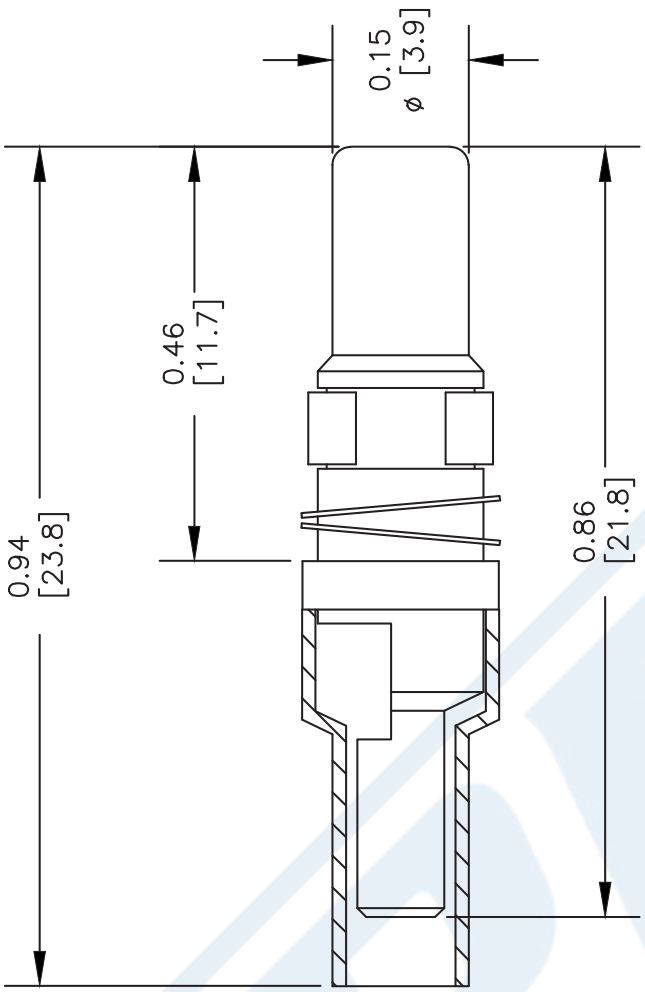
The information contained in this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part, in order to implement improvements. Pasternack reserves the right to make such 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.

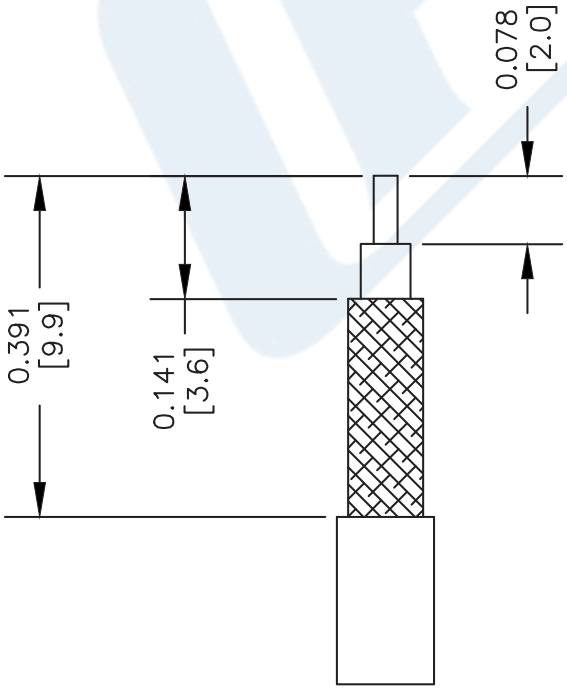
Pasternack Enterprises, Inc. • P.O. Box 16759, Irvine, CA 92623
Phone: (866) 727-8376 or (949) 261-1920 • **Fax:** (949) 261-7451
Sales@Pasternack.com • Techsupport@Pasternack.com

© 2016 Pasternack Enterprises All Rights Reserved

PE4809 CAD Drawing

D-Sub Plug Contact Crimp/Solder Attachment for RG174, RG316, RG188, 0.100 inch, PE-B100, PE-C100, LMR-100





STRIPPING DIMENSIONS

ASSEMBLY PROCEDURES

SLIDE FERRULE ONTO CABLE STRIP CABLE AS SHOWN & TIN CENTER CONDUCTOR.

INSERT DIELECTRIC AND CENTER CONDUCTOR INTO BODY. SOLDER CENTER CONDUCTOR THROUGH HOLE IN BODY. REMOVE EXCESS SOLDER. SLIDE FERRULE FORWARD & CRIMP.

CRIMP SIZE REQUIRED

FERRULE: .128" HEX CRIMP TOOL

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.

DWG TITLE	CAD FILE	SCALE	SIZE	
PE4809	042811	N/A	A	2231

FSCM NO. 53919

PASTERNACK®
Pasternack Enterprises, Inc.
P.O. Box 16759 | Irvine | CA | 92623
Phone: (949) 261-1920 | Fax: (949) 261-7451
Website: www.pasternack.com | E-Mail: sales@pasternack.com

© 2016 Pasternack Enterprises All Rights Reserved

PASTERNACK®
THE ENGINEER'S RF SOURCE

D-Sub Plug Contact Crimp/Solder Attachment for RG174, RG316, RG188, 0.100 inch, PE-B100, PE-C100, LMR-100



Configuration

- D-Sub Plug Connector
- 50 Ohms
- Straight Body Geometry
- RG174, RG316, RG188, 0.100 inch, PE-B100, PE-C100, LMR-100 Interface Type
- Crimp/Solder Attachment

Features

- Max. Operating Frequency 900 MHz
- Gold over Nickel Plated Beryllium Copper Contact
- Contact plating according to MIL-G-45204

Applications

- General Purpose Test
- Custom Cable Assemblies

Description

Pasternack's PE4809 D-Sub plug contact crimp/solder attachment for RG174, RG316, RG188, 0.100 inch, PE-B100, PE-C100 and LMR-100 is part of our full line of RF components available for same-day shipping. Our D-Sub plug connector operates up to a maximum frequency of 900 MHz.

Our D-Sub plug connector PE4809 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		900	MHz

Mechanical Specifications

Size

Length	0.94 in [23.88 mm]
Width/Dia.	0.18 in [4.57 mm]
Weight	0.0027 lbs [1.22 g]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: D-Sub Plug Contact Crimp/Solder Attachment for RG174, RG316, RG188, 0.100 inch, PE-B100, PE-C100, LMR-100 PE4809

Pasternack Enterprises, Inc. • P.O. Box 16759, Irvine, CA 92623
Phone: (866) 727-8376 or (949) 261-1920 • **Fax:** (949) 261-7451
Sales@Pasternack.com • Techsupport@Pasternack.com

© 2016 Pasternack Enterprises All Rights Reserved

PASTERNACK®
THE ENGINEER'S RF SOURCE

D-Sub Plug Contact Crimp/Solder Attachment for RG174, RG316, RG188, 0.100 inch, PE-B100, PE-C100, LMR-100



Material Specifications

Description	Material	Plating
Contact	Beryllium Copper	Gold over Nickel MIL-G-45204
Insulation	PTFE	
Body	Brass	Gold over Nickel MIL-G-45204

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

D-Sub Plug Contact Crimp/Solder Attachment for RG174, RG316, RG188, 0.100 inch, PE-B100, PE-C100, LMR-100 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: D-Sub Plug Contact Crimp/Solder Attachment for RG174, RG316, RG188, 0.100 inch, PE-B100, PE-C100, LMR-100 PE4809

URL: https://www.pasternack.com/d-sub-plug-standard-rg174-rg316-rg187-rg188-connector-pe4809-p.aspx

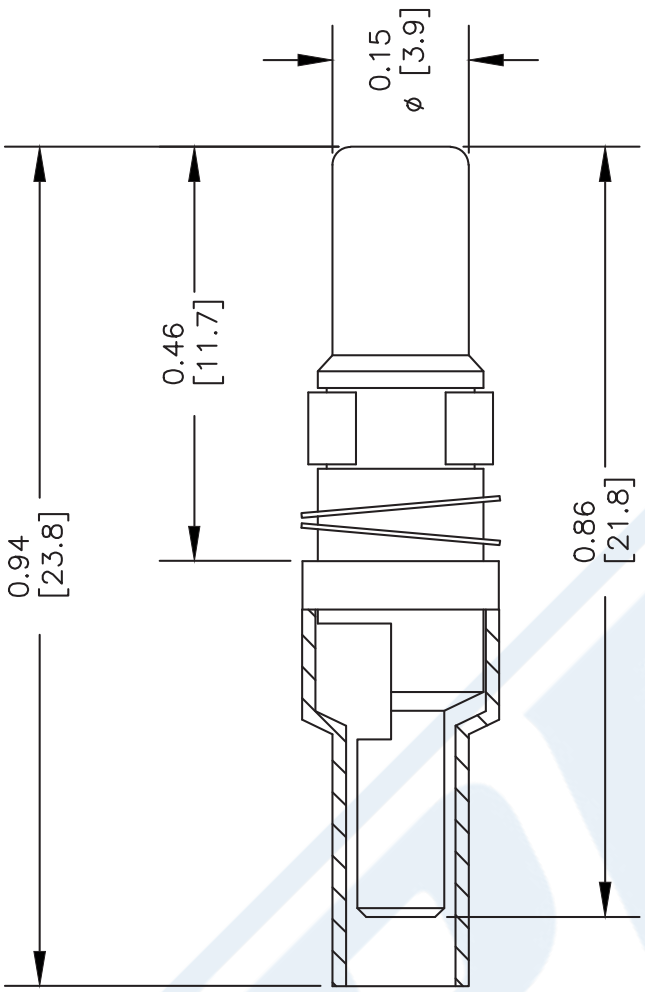
The information contained in this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part, in order to implement improvements. Pasternack reserves the right to make such 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.

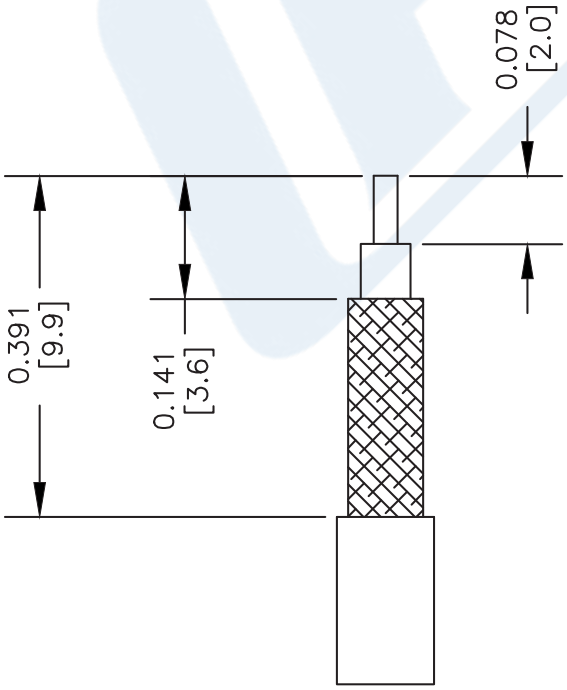
Pasternack Enterprises, Inc. • P.O. Box 16759, Irvine, CA 92623
Phone: (866) 727-8376 or (949) 261-1920 • **Fax:** (949) 261-7451
Sales@Pasternack.com • Techsupport@Pasternack.com

© 2016 Pasternack Enterprises All Rights Reserved

PE4809 CAD Drawing

D-Sub Plug Contact Crimp/Solder Attachment for RG174, RG316, RG188, 0.100 inch, PE-B100, PE-C100, LMR-100





STRIPPING DIMENSIONS

ASSEMBLY PROCEDURES

SLIDE FERRULE ONTO CABLE STRIP CABLE AS SHOWN & TIN CENTER CONDUCTOR.

INSERT DIELECTRIC AND CENTER CONDUCTOR INTO BODY. SOLDER CENTER CONDUCTOR THROUGH HOLE IN BODY. REMOVE EXCESS SOLDER. SLIDE FERRULE FORWARD & CRIMP.

CRIMP SIZE REQUIRED

FERRULE: .128" HEX CRIMP TOOL

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.

DWG TITLE	CAD FILE	SCALE	SIZE	
PE4809	042811	N/A	A	2231

FSCM NO. 53919

PASTERNACK®
Pasternack Enterprises, Inc.
P.O. Box 16759 | Irvine | CA | 92623
Phone: (949) 261-1920 | Fax: (949) 261-7451
Website: www.pasternack.com | E-Mail: sales@pasternack.com

© 2016 Pasternack Enterprises All Rights Reserved

PASTERNACK®
THE ENGINEER'S RF SOURCE

Flexible RG188 Coax Cable Single Shielded with White PTFE Jacket

RF Cables
Technical Data Sheet

RG188A/U

Configuration

- Flexible Cable
- 1 Shield(s)

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		3	GHz
Impedance		50		Ohms
Dielectric Withstanding Voltage (AC)			2,000	Vrms

Performance by Frequency Band

Description	F1	F2	F3	F4	F5	Units
Frequency	400					MHz
Attenuation, Typ	20					dB/100ft
	65.62					dB/100m

Mechanical Specifications

Diameter	0.11 in [2.79 mm]
Weight	0.011 lbs/ft [0.02 Kg/m]

Construction Specifications

Description	Material and Plating	Diameter
Inner Conductor	Copper Clad Steel, Silver, 7 Strands	0.02 in [0.51 mm]
Conductor Type	Stranded	
Dielectric	PTFE	0.06 in [1.52 mm]
First Shield	Silver Plated Copper Braid 95.2% coverage	0.081 in [2.06 mm]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: Flexible RG188 Coax Cable Single Shielded with White PTFE Jacket RG188A/U

Pasternack Enterprises, Inc. • P.O. Box 16759, Irvine, CA 92623
Phone: (866) 727-8376 or (949) 261-1920 • **Fax:** (949) 261-7451
Sales@Pasternack.com • Techsupport@Pasternack.com

© 2018 Pasternack Enterprises All Rights Reserved

Flexible RG188 Coax Cable Single Shielded with White PTFE Jacket

RF Cables
Technical Data Sheet

RG188A/U

Jacket	PTFE, White	0.11 in [2.79 mm]

Environmental Specifications

Temperature

Operating Range	-55 to +250 deg C

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

Flexible RG188 Coax Cable Single Shielded with White PTFE 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 RG188 Coax Cable Single Shielded with White PTFE Jacket RG188A/U

URL: https://www.pasternack.com/50-ohm-flexible-rg188au-ptfe-jacket-silver-plated-copper-braid-outer-conductor-single-shielded-white-rg188a-u-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.

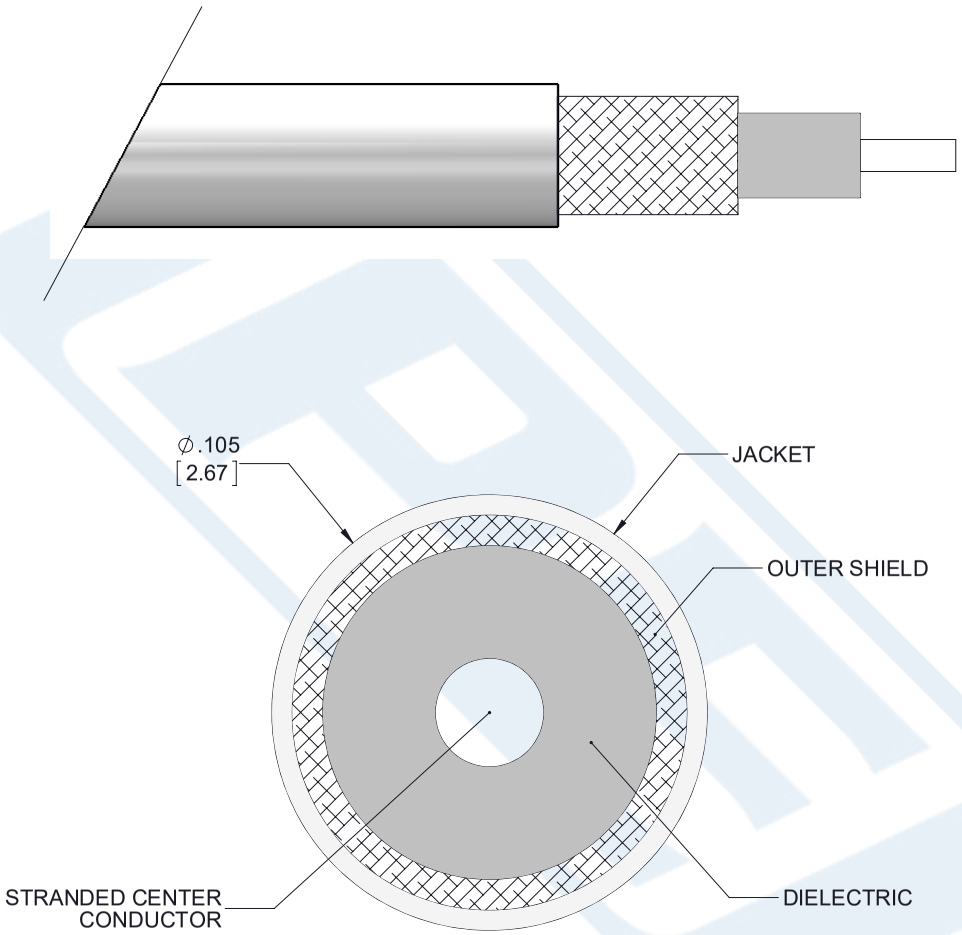
Pasternack Enterprises, Inc. • P.O. Box 16759, Irvine, CA 92623
Phone: (866) 727-8376 or (949) 261-1920 • **Fax:** (949) 261-7451
Sales@Pasternack.com • Techsupport@Pasternack.com

© 2018 Pasternack Enterprises All Rights Reserved

© 2018 Pasternack Enterprises All Rights Reserved

RG188A/U CAD Drawing

Flexible RG188 Coax Cable Single Shielded with White PTFE Jacket



SECTION VIEW

STANDARD TOLERANCES	
.X	±0.2
.XX	±0.01
.XXX	±0.005

*STANDARD TOLERANCES APPLY ONLY TO DIMENSIONS IN INCHES

PASTERNACK® THE ENGINEER'S RF SOURCE
Pasternack Enterprises, Inc.
P.O. Box 16759 | Irvine | CA | 92623
Phone: (949) 261-1920 | **Fax:** (949) 261-7451
Website: www.pasternack.com | **E-Mail:** sales@pasternack.com

DWG TITLE: RG188A/U

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].

CAGE CODE 53919	CAD FILE 091817	SCALE N/A	SIZE A	7361