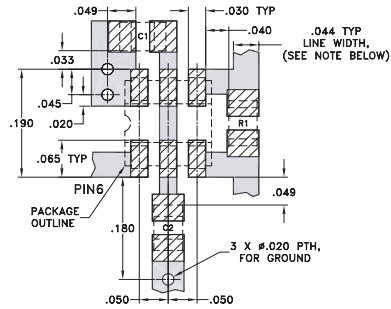


PL-001

SUGGESTED MOUNTING CONFIGURATION FOR DB714 CASE STYLE, "m" PIN CONNECTION



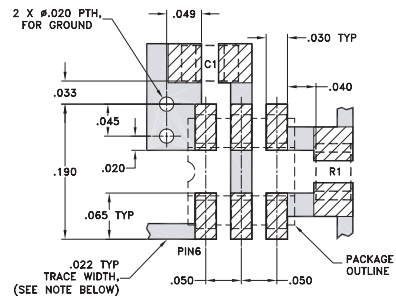
RESISTOR R1: 100 Ohm, 0805 SIZE
CAPACITORS C1 & C2: 1.5 pF, 0805 SIZE

NOTE: TRACE WIDTH IS SHOWN FOR ROGERS R04350 WITH DIELECTRIC THICKNESS $0.020" \pm 0.0015"$, COPPER: 1 OZ. EACH SIDE. FOR OTHER MATERIALS TRACE WIDTH MAY NEED TO BE MODIFIED.

■ DENOTES PCB COPPER LAYOUT
▨ DENOTES COPPER LAND PATTERN FREE OF SOLDER MASK

PL-002

SUGGESTED MOUNTING CONFIGURATION FOR DB714 CASE STYLE, "m" PIN CONNECTION



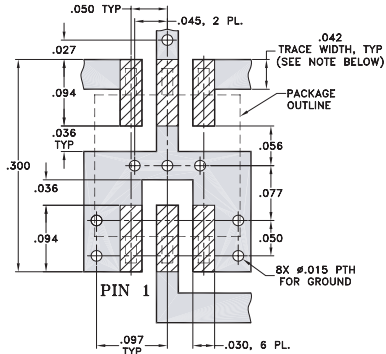
RESISTOR R1: 150 Ohm, 0805 SIZE
CAPACITOR C1: 1.5 pF, 0805 SIZE

NOTE: TRACE WIDTH IS SHOWN FOR ROGERS R04350 WITH DIELECTRIC THICKNESS $0.030" \pm 0.002"$, COPPER: 1 OZ. EACH SIDE. FOR OTHER MATERIALS TRACE WIDTH MAY NEED TO BE MODIFIED.

■ DENOTES PCB COPPER LAYOUT
▨ DENOTES COPPER LAND PATTERN FREE OF SOLDER MASK

PL-003

SUGGESTED MOUNTING CONFIGURATION FOR SM31 CASE STYLE, "m" PIN CONNECTION

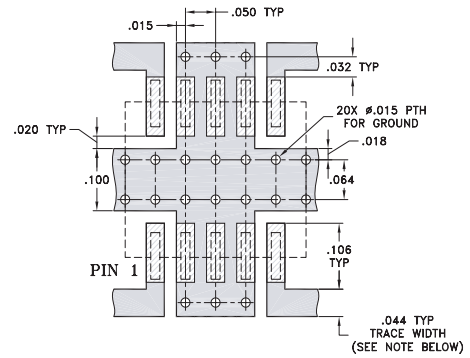


NOTE: TRACE WIDTH IS SHOWN FOR ROGERS R04350 WITH DIELECTRIC THICKNESS $0.020" \pm 0.0015"$, COPPER: 1/2 OZ. EACH SIDE. FOR OTHER MATERIALS TRACE WIDTH MAY NEED TO BE MODIFIED.

■ DENOTES PCB COPPER LAYOUT
▨ DENOTES COPPER LAND PATTERN FREE OF SOLDER MASK

PL-004

SUGGESTED MOUNTING CONFIGURATION FOR SM1L/SM33 CASE STYLES, "f/n" PIN CONNECTION

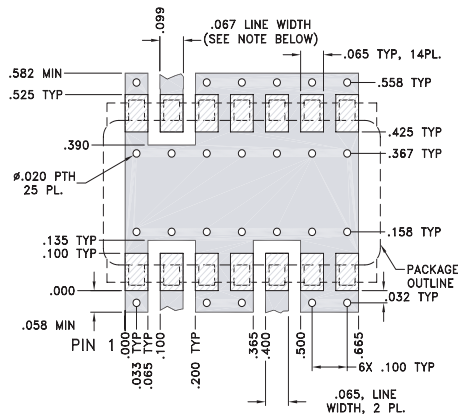


NOTE: TRACE WIDTH IS SHOWN FOR ROGERS R04350 WITH DIELECTRIC THICKNESS $0.020" \pm 0.0015"$, COPPER: 1/2 OZ. EACH SIDE. FOR OTHER MATERIALS TRACE WIDTH MAY NEED TO BE MODIFIED.

■ DENOTES PCB COPPER LAYOUT
▨ DENOTES COPPER LAND PATTERN FREE OF SOLDER MASK

PL-005

SUGGESTED MOUNTING CONFIGURATION FOR BK377 CASE STYLE, "c" PIN CONNECTION

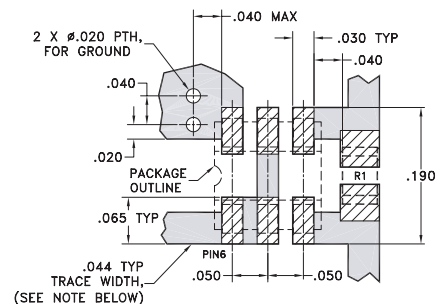


NOTE: TRACE WIDTH IS SHOWN FOR ROGERS R04350 DIELECTRIC THICKNESS $0.030" \pm 0.002"$, COPPER: 1/2 OZ. EACH SIDE. FOR OTHER MATERIALS TRACE WIDTH MAY NEED TO BE MODIFIED.

■ DENOTES PCB COPPER LAYOUT
▨ DENOTES COPPER LAND PATTERN FREE OF SOLDER MASK

PL-008

SUGGESTED MOUNTING CONFIGURATION FOR DB714 CASE STYLE, "nb" PIN CONNECTION



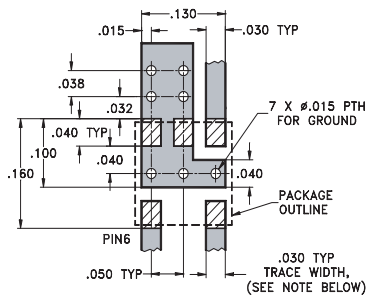
RESISTOR R1: $475 \pm 1\%$ Ohm, 0805 SIZE

NOTE: TRACE WIDTH IS SHOWN FOR ROGERS R04350 WITH DIELECTRIC THICKNESS $0.020" \pm 0.0015"$, COPPER: 1/2 OZ. EACH SIDE. FOR OTHER MATERIALS TRACE WIDTH MAY NEED TO BE MODIFIED.

■ DENOTES PCB COPPER LAYOUT
▨ DENOTES COPPER LAND PATTERN FREE OF SOLDER MASK

PL-028

SUGGESTED MOUNTING CONFIGURATION FOR
AT790 CASE STYLE, "nc" PIN CONNECTION



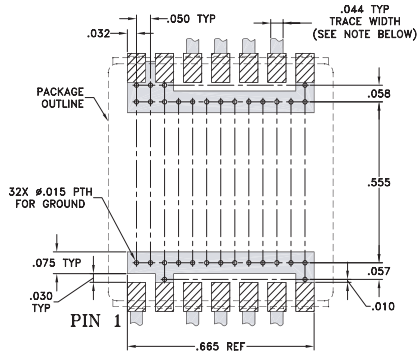
NOTE: 1. TRACE WIDTH IS SHOWN FOR ROGERS RO4350 WITH DIELECTRIC THICKNESS 0.030" \pm 0.002", COPPER: 1/2 OZ. EACH SIDE. FOR OTHER MATERIALS TRACE WIDTH MAY NEED TO BE MODIFIED.
2. BOTTOM SIDE OF THE PCB IS CONTINUOUS GROUND PLANE.

 DENOTES PCB COPPER LAYOUT

 DENOTES COPPER LAND PATTERN FREE OF SOLDER MASK

PL-037

SUGGESTED MOUNTING CONFIGURATION FOR
BG291 CASE STYLE, "hn" PIN CONNECTION



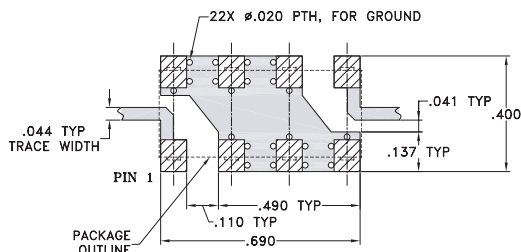
NOTE: TRACE WIDTH IS SHOWN FOR ROGERS RO4350
WITH DIELECTRIC THICKNESS .020" \pm .0015".
COPPER: 1/2 OZ. EACH SIDE.
FOR OTHER MATERIALS TRACE WIDTH MAY NEED
TO BE MODIFIED.

 DENOTES PCB COPPER LAYOUT

 DENOTES COPPER LAND PATTERN FREE OF SOLDER MASK

PL-047

SUGGESTED MOUNTING CONFIGURATION FOR
BJ850 CASE STYLE, "cr" PIN CONNECTIONS



NOTES:

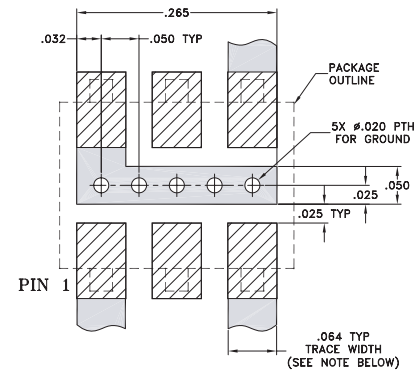
1. TRACE WIDTH IS SHOWN FOR ROGERS RO4350 WITH DIELECTRIC THICKNESS 0.020" ± 0.0015, COPPER: 1/2 OZ. EACH SIDE.
FOR OTHER MATERIALS TRACE WIDTH MAY NEED TO BE MODIFIED.
2. IF YOUR PCB DESIGN RULES ALLOW, GROUND VIAS SHOULD BE PLACED UNDER THE LAND PATTERN FOR BETTER RF PERFORMANCE. OTHERWISE GROUND VIAS SHOULD BE PLACED AS CLOSE TO LAND PATTERN AS POSSIBLE.

 DENOTES PCB COPPER LAYOUT

 DENOTES COPPER LAND PATTERN FREE OF SOLDER MASK

PL-035

SUGGESTED MOUNTING CONFIGURATION FOR
CD636 CASE STYLE, "hv" PIN CONNECTION



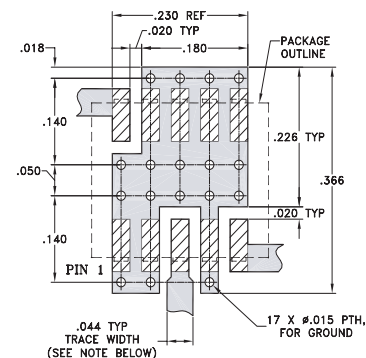
NOTE: TRACE WIDTH IS SHOWN FOR ROGERS R04350
WITH DIELECTRIC THICKNESS 0.030" \pm 0.002",
COPPER: 1/2 OZ. EACH SIDE.
FOR OTHER MATERIALS TRACE WIDTH MAY NEED
TO BE MODIFIED.

 DENOTES PCB COPPER LAYOUT

 DENOTES COPPER LAND PATTERN FREE OF SOLDER MASK

PL-045

SUGGESTED MOUNTING CONFIGURATION FOR
DZ883 & DZ885 CASE STYLES, "Id" PIN CONNECTION



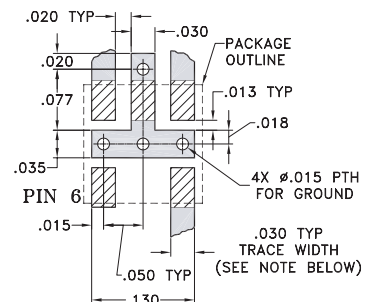
NOTE: TRACE WIDTH IS SHOWN FOR ROGERS R04350
WITH DIELECTRIC THICKNESS 0.020" \pm 0.0015",
COPPER: 1/2 OZ. EACH SIDE.
FOR OTHER MATERIALS TRACE WIDTH MAY NEED
TO BE MODIFIED.

 DENOTES PCB COPPER LAYOUT

 DENOTES COPPER LAND PATTERN FREE OF SOLDER MASK

PL-048

SUGGESTED MOUNTING CONFIGURATION FOR
AT790 CASE STYLE, "na" PIN CONNECTION



NOTE: TRACE WIDTH IS SHOWN FOR ROGERS RO4350
WITH DIELECTRIC THICKNESS 0.030" \pm 0.002",
COPPER: 1/2 OZ. EACH SIDE.
FOR OTHER MATERIALS TRACE WIDTH MAY NEED
TO BE MODIFIED.

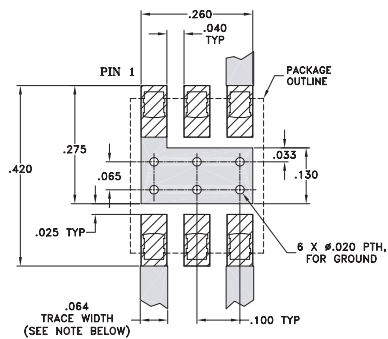
 DENOTES PCB COPPER LAYOUT

 DENOTES COPPER LAND PATTERN FREE OF SOLDER MASK

PCB LAYOUTS

PL-058

SUGGESTED MOUNTING CONFIGURATION FOR
QQQ569 CASE STYLE, "am" PIN CONNECTION



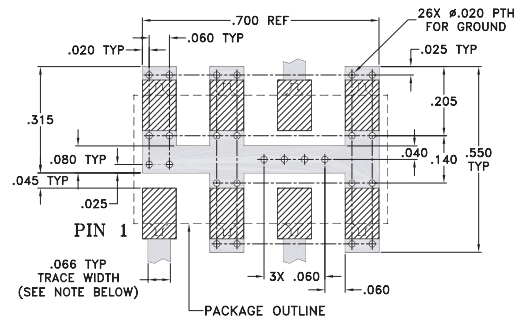
NOTE: TRACE WIDTH IS SHOWN FOR ROGERS RO4350
WITH DIELECTRIC THICKNESS 0.030" \pm 0.002",
COPPER: 1/2 OZ. EACH SIDE.
FOR OTHER MATERIALS TRACE WIDTH MAY NEED
TO BE MODIFIED.

 DENOTES PCB COPPER LAYOUT

 DENOTES COPPER LAND PATTERN FREE OF SOLDER MASK

PL-060

SUGGESTED MOUNTING CONFIGURATION
FOR YY101 CASE STYLE, "aq" PIN CONNECTION



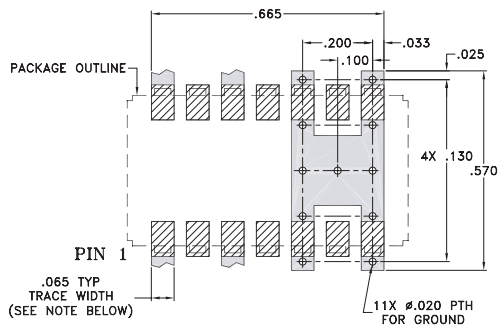
NOTE: TRACE WIDTH IS SHOWN FOR ROGERS RO4350
WITH DIELECTRIC THICKNESS .030" \pm .002".
COPPER: 1/2 OZ. EACH SIDE.
FOR OTHER MATERIALS TRACE WIDTH MAY NEED
TO BE MODIFIED.

 DENOTES PCB COPPER LAYOUT

 DENOTES COPPER LAND PATTERN FREE OF SOLDER MASK

PL-061

SUGGESTED MOUNTING CONFIGURATION
FOR BK276 CASE STYLE, "1u" PIN CONNECTION



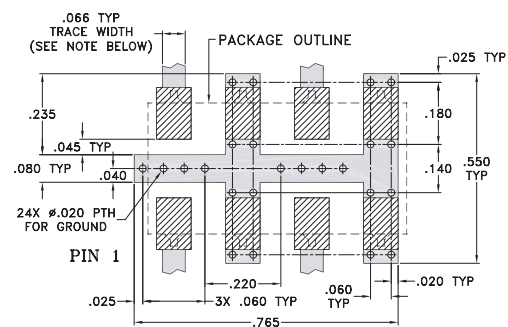
NOTE: TRACE WIDTH IS SHOWN FOR ROGERS RO4350
WITH DIELECTRIC THICKNESS .030" \pm .002".
COPPER: 1/2 OZ. EACH SIDE.
FOR OTHER MATERIALS TRACE WIDTH MAY NEED
TO BE MODIFIED.

 DENOTES PCB COPPER LAYOUT

 DENOTES COPPER LAND PATTERN FREE OF SOLDER MASK

PL-062

SUGGESTED MOUNTING CONFIGURATION
FOR YY101/YY161 CASE STYLES, "aw" & "gy" PIN CONNECTIONS



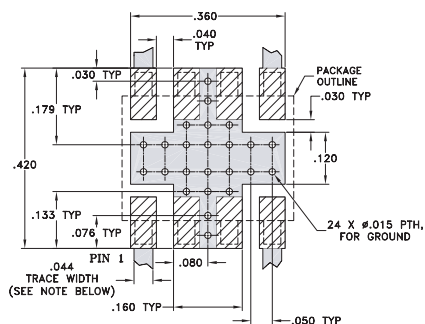
NOTE: TRACE WIDTH IS SHOWN FOR ROGERS RO4350
WITH DIELECTRIC THICKNESS .030" \pm .002".
COPPER: 1/2 OZ. EACH SIDE.
FOR OTHER MATERIALS TRACE WIDTH MAY NEED
TO BE MODIFIED.

 DENOTES PCB COPPER LAYOUT

 DENOTES COPPER LAND PATTERN FREE OF SOLDER MASK

PL-063

SUGGESTED MOUNTING CONFIGURATION FOR
CJ725 CASE STYLE, "ma", "nf" PIN CONNECTIONS



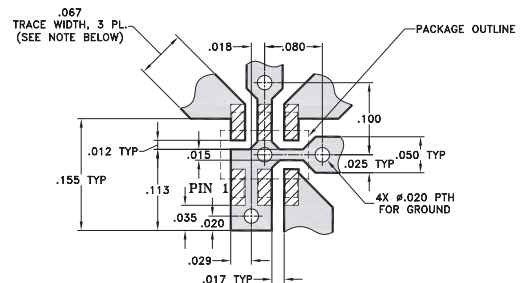
NOTE: TRACE WIDTH IS SHOWN FOR ROGERS R04350
WITH DIELECTRIC THICKNESS 0.020" \pm 0.0015",
COPPER: 1/2 OZ. EACH SIDE.
FOR OTHER MATERIALS TRACE WIDTH MAY NEED
TO BE MODIFIED.

 DENOTES PCB COPPER LAYOUT

 DENOTES COPPER LAND PATTERN FREE OF SOLDER MASK

PL-064

SUGGESTED MOUNTING CONFIGURATION FOR
CA531 CASE STYLE, "in" PIN CONNECTION



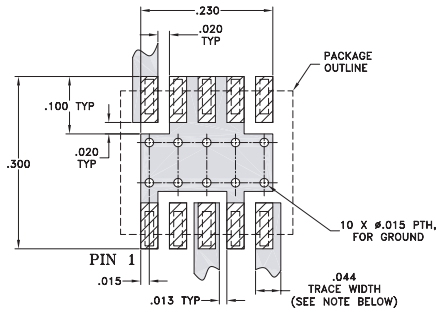
NOTE: TRACE WIDTH IS SHOWN FOR ROGERS R04350
WITH DIELECTRIC THICKNESS 0.030" \pm 0.002",
COPPER: 1/2 OZ. EACH SIDE.
FOR OTHER MATERIALS TRACE WIDTH MAY NEED
TO BE MODIFIED.

 DENOTES PCB COPPER LAYOUT

 DENOTES COPPER LAND PATTERN FREE OF SOLDER MASK

PL-065

SUGGESTED MOUNTING CONFIGURATION FOR SM2 CASE STYLE, "lc" PIN CONNECTION

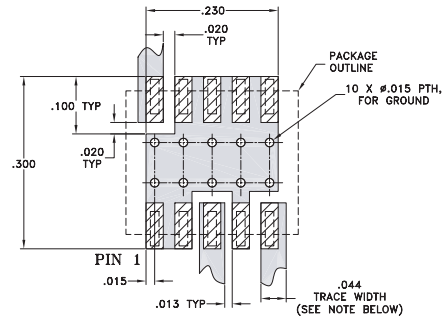


NOTE: TRACE WIDTH IS SHOWN FOR ROGERS RO4350 WITH DIELECTRIC THICKNESS $0.020" \pm 0.0015"$, COPPER: 1/2 OZ. EACH SIDE. FOR OTHER MATERIALS TRACE WIDTH MAY NEED TO BE MODIFIED.

■ DENOTES PCB COPPER LAYOUT
 ▨ DENOTES COPPER LAND PATTERN FREE OF SOLDER MASK

PL-066

SUGGESTED MOUNTING CONFIGURATION FOR SM2 CASE STYLE, "ld" PIN CONNECTION

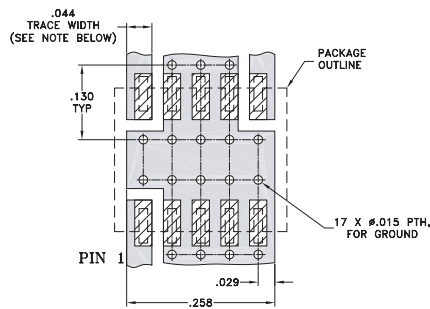


NOTE: TRACE WIDTH IS SHOWN FOR ROGERS RO4350 WITH DIELECTRIC THICKNESS $0.020" \pm 0.0015"$, COPPER: 1/2 OZ. EACH SIDE. FOR OTHER MATERIALS TRACE WIDTH MAY NEED TO BE MODIFIED.

■ DENOTES PCB COPPER LAYOUT
 ▨ DENOTES COPPER LAND PATTERN FREE OF SOLDER MASK

PL-067

SUGGESTED MOUNTING CONFIGURATION FOR SM2 CASE STYLE, "lg" PIN CONNECTION

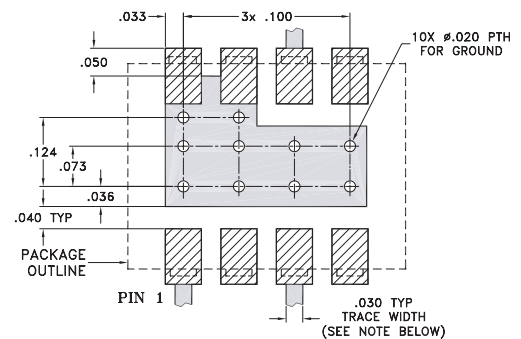


NOTE: TRACE WIDTH IS SHOWN FOR ROGERS RO4350 WITH DIELECTRIC THICKNESS $0.020" \pm 0.0015"$, COPPER: 1/2 OZ. EACH SIDE. FOR OTHER MATERIALS TRACE WIDTH MAY NEED TO BE MODIFIED.

■ DENOTES PCB COPPER LAYOUT
 ▨ DENOTES COPPER LAND PATTERN FREE OF SOLDER MASK

PL-069

SUGGESTED MOUNTING CONFIGURATION FOR BJ293 CASE STYLE "lf" PIN CONNECTION

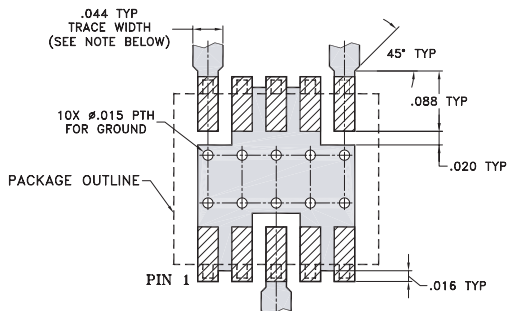


NOTE: TRACE WIDTH IS SHOWN FOR ROGERS RO4350 WITH DIELECTRIC THICKNESS $0.030" \pm 0.002"$, COPPER: 1/2 OZ. EACH SIDE. FOR OTHER MATERIALS TRACE WIDTH MAY NEED TO BE MODIFIED.

■ DENOTES PCB COPPER LAYOUT
 ▨ DENOTES COPPER LAND PATTERN FREE OF SOLDER MASK

PL-070

SUGGESTED MOUNTING CONFIGURATION FOR SM2 CASE STYLE, "lg" PIN CONNECTION

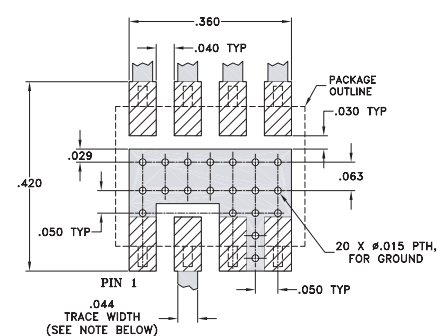


NOTE: TRACE WIDTH IS SHOWN FOR ROGERS RO4350 WITH DIELECTRIC THICKNESS $0.020" \pm 0.0015"$, COPPER: 1/2 OZ. EACH SIDE. FOR OTHER MATERIALS TRACE WIDTH MAY NEED TO BE MODIFIED.

■ DENOTES PCB COPPER LAYOUT
 ▨ DENOTES COPPER LAND PATTERN FREE OF SOLDER MASK

PL-072

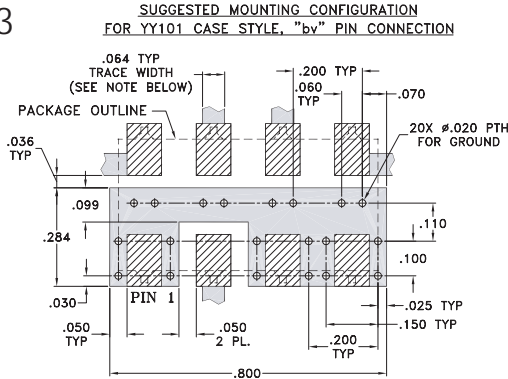
SUGGESTED MOUNTING CONFIGURATION FOR CJ725 CASE STYLES, "kb" PIN CONNECTION



NOTE: TRACE WIDTH IS SHOWN FOR ROGERS RO4350 WITH DIELECTRIC THICKNESS $0.020" \pm 0.0015"$, COPPER: 1/2 OZ. EACH SIDE. FOR OTHER MATERIALS TRACE WIDTH MAY NEED TO BE MODIFIED.

■ DENOTES PCB COPPER LAYOUT
 ▨ DENOTES COPPER LAND PATTERN FREE OF SOLDER MASK

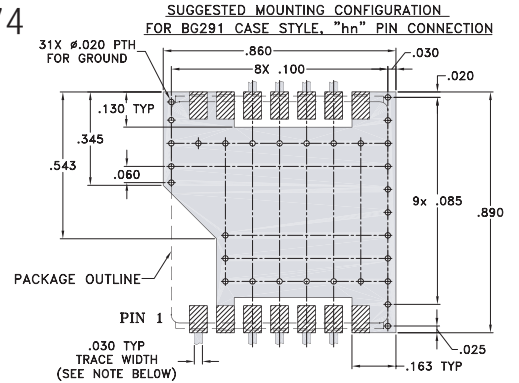
PL-073



NOTE: TRACE WIDTH IS SHOWN FOR ROGERS RO4350 WITH DIELECTRIC THICKNESS .030" \pm .002". COPPER: 1/2 OZ. EACH SIDE. FOR OTHER MATERIALS TRACE WIDTH MAY NEED TO BE MODIFIED.

DENOTES PCB COPPER LAYOUT
DENOTES COPPER LAND PATTERN FREE OF SOLDER MASK

PL-074

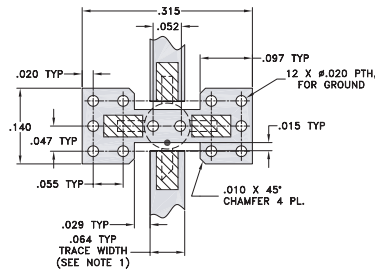


NOTE: TRACE WIDTH IS SHOWN FOR ROGERS RO4350 WITH DIELECTRIC THICKNESS .030" \pm .002". COPPER: 1/2 OZ. EACH SIDE. FOR OTHER MATERIALS TRACE WIDTH MAY NEED TO BE MODIFIED.

DENOTES PCB COPPER LAYOUT
DENOTES COPPER LAND PATTERN FREE OF SOLDER MASK

PL-075

SUGGESTED MOUNTING CONFIGURATION FOR
WW107/AF190 CASE STYLES, "cb" PIN CONNECTION



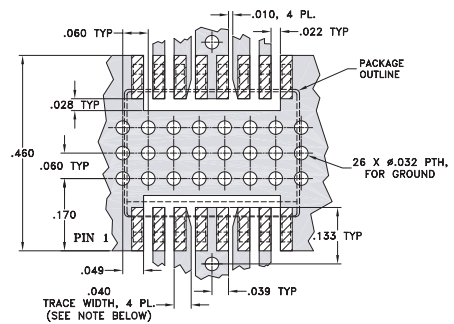
NOTES:

- TRACE WIDTH IS SHOWN FOR ROGERS RO4350 WITH DIELECTRIC THICKNESS 0.030" \pm 0.002". COPPER: 1/2 OZ. EACH SIDE. FOR OTHER MATERIALS TRACE WIDTH MAY NEED TO BE MODIFIED.
- IF YOUR PCB DESIGN RULES ALLOW, GROUND VIAS SHOULD BE PLACED UNDER THE LAND PATTERN FOR BETTER RF PERFORMANCE. OTHERWISE GROUND VIAS SHOULD BE PLACED AS CLOSE TO LAND PATTERN AS POSSIBLE.

DENOTES PCB COPPER LAYOUT
DENOTES COPPER LAND PATTERN FREE OF SOLDER MASK

PL-076

SUGGESTED MOUNTING CONFIGURATION FOR
CM624 CASE STYLE, "kl" PIN CONNECTION

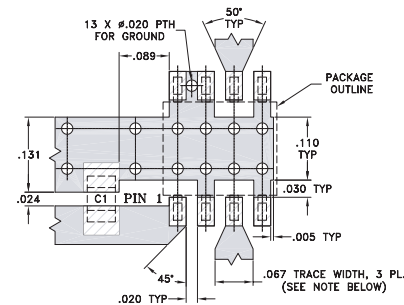


NOTE: TRACE WIDTH IS SHOWN FOR FR4 WITH DIELECTRIC THICKNESS 0.057" \pm .002". COPPER: 1/2 OZ. EACH SIDE. FOR OTHER MATERIALS TRACE WIDTH MAY NEED TO BE MODIFIED.

DENOTES PCB COPPER LAYOUT
DENOTES COPPER LAND PATTERN FREE OF SOLDER MASK

PL-077

SUGGESTED MOUNTING CONFIGURATION FOR
XX211 CASE STYLE, "h" PIN CONNECTION



CAPACITOR C1: 10000 \pm 2% pF, 0805 SIZE

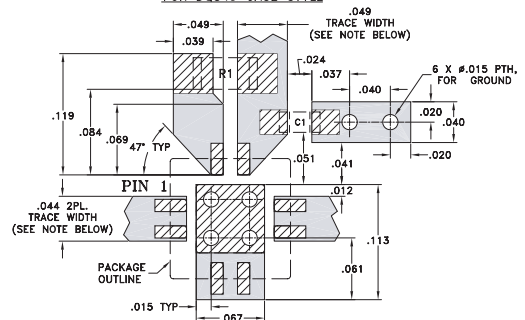
NOTE:

- TRACE WIDTH IS SHOWN FOR ROGERS RO4350 WITH DIELECTRIC THICKNESS .030" \pm .002". COPPER: 1/2 OZ. EACH SIDE. FOR OTHER MATERIALS TRACE WIDTH MAY NEED TO BE MODIFIED.
- PTH LOCATIONS AS PER ARTWORK OF TEST BOARD B14-TB-01 (CONTACT MINI-CIRCUITS).
- BOTTOM SIDE OF THE PCB IS CONTINUOUS GROUND PLANE.

DENOTES PCB COPPER LAYOUT
DENOTES COPPER LAND PATTERN FREE OF SOLDER MASK

PL-078

SUGGESTED MOUNTING CONFIGURATION
FOR DQ849 CASE STYLE



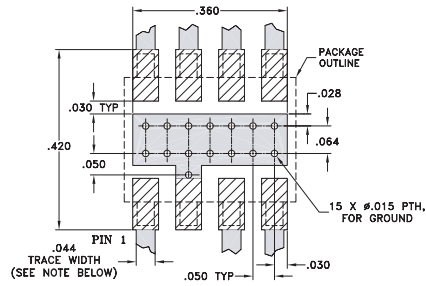
RESISTOR R1: 33.2 Ohm, 0603 SIZE
CAPACITOR C1: 1000 pF \pm 10%, X7R, 0402 SIZE

NOTE: TRACE WIDTH IS SHOWN FOR ROGERS RO4350 WITH DIELECTRIC THICKNESS 0.020" \pm 0.0015". COPPER: 1/2 OZ. EACH SIDE. FOR OTHER MATERIALS TRACE WIDTH MAY NEED TO BE MODIFIED.

DENOTES PCB COPPER LAYOUT
DENOTES COPPER LAND PATTERN FREE OF SOLDER MASK

PL-089

SUGGESTED MOUNTING CONFIGURATION FOR
CJ725 CASE STYLE, "mc" PIN CONNECTION



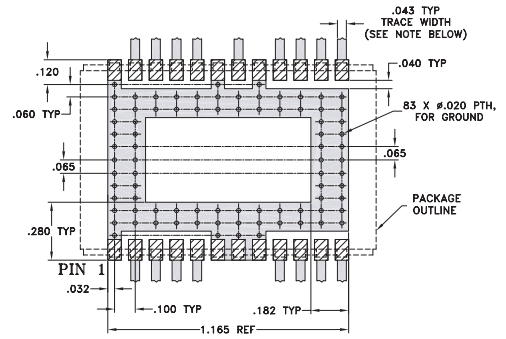
NOTE: TRACE WIDTH IS SHOWN FOR ROGERS R04350 WITH DIELECTRIC THICKNESS $0.020" \pm 0.0015"$, COPPER: 1/2 OZ. EACH SIDE. FOR OTHER MATERIALS TRACE WIDTH MAY NEED TO BE MODIFIED.

■ DENOTES PCB COPPER LAYOUT

▨ DENOTES COPPER LAND PATTERN FREE OF SOLDER MASK

PL-090

SUGGESTED MOUNTING CONFIGURATION FOR
BL372 CASE STYLE, "kf" PIN CONNECTION



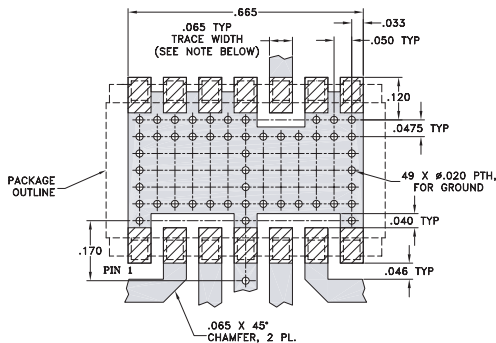
NOTE: TRACE WIDTH IS SHOWN FOR ROGERS R04350 WITH DIELECTRIC THICKNESS $0.020" \pm 0.0015"$, COPPER: 1/2 OZ. EACH SIDE. FOR OTHER MATERIALS TRACE WIDTH MAY NEED TO BE MODIFIED.

■ DENOTES PCB COPPER LAYOUT

▨ DENOTES COPPER LAND PATTERN FREE OF SOLDER MASK

PL-091

SUGGESTED MOUNTING CONFIGURATION FOR
BK377 CASE STYLE, "ng" PIN CONNECTION



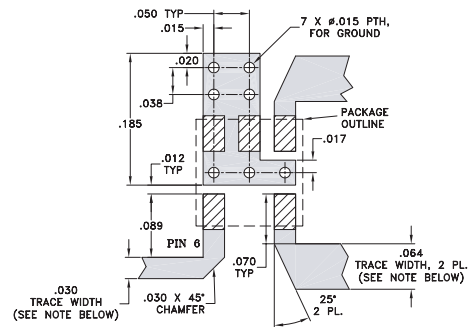
NOTE: TRACE WIDTH IS SHOWN FOR FR4 WITH DIELECTRIC THICKNESS $0.030" \pm 0.002"$, COPPER: 1/2 OZ. EACH SIDE. FOR OTHER MATERIALS TRACE WIDTH MAY NEED TO BE MODIFIED.

■ DENOTES PCB COPPER LAYOUT

▨ DENOTES COPPER LAND PATTERN FREE OF SOLDER MASK

PL-092

SUGGESTED MOUNTING CONFIGURATION FOR
AT790 CASE STYLE, "nc" PIN CONNECTION



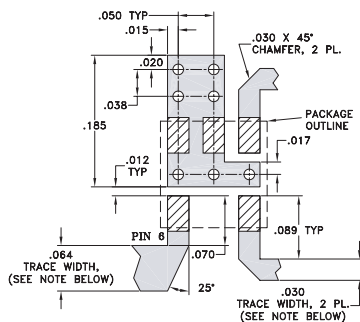
NOTE: TRACE WIDTH IS SHOWN FOR ROGERS R04350 WITH DIELECTRIC THICKNESS $0.030" \pm 0.002"$, COPPER: 1/2 OZ. EACH SIDE. FOR OTHER MATERIALS TRACE WIDTH MAY NEED TO BE MODIFIED.

■ DENOTES PCB COPPER LAYOUT

▨ DENOTES COPPER LAND PATTERN FREE OF SOLDER MASK

PL-093

SUGGESTED MOUNTING CONFIGURATION FOR
AT790 CASE STYLE, "nc" PIN CONNECTION



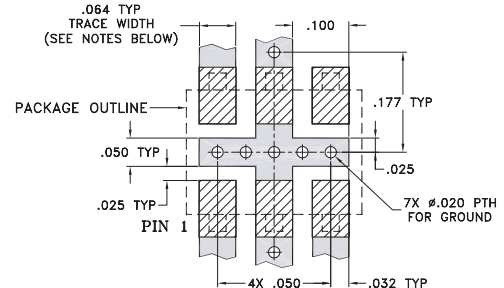
NOTE: TRACE WIDTH IS SHOWN FOR ROGERS R04350 WITH DIELECTRIC THICKNESS $0.030" \pm 0.002"$, COPPER: 1/2 OZ. EACH SIDE. FOR OTHER MATERIALS TRACE WIDTH MAY NEED TO BE MODIFIED.

■ DENOTES PCB COPPER LAYOUT

▨ DENOTES COPPER LAND PATTERN FREE OF SOLDER MASK

PL-094

SUGGESTED MOUNTING CONFIGURATION FOR
CD542 CASE STYLE "hz" PIN CONNECTION



NOTE: TRACE WIDTH IS SHOWN FOR ROGERS R04350 WITH DIELECTRIC THICKNESS $0.030" \pm 0.002"$, COPPER: 1/2 OZ. EACH SIDE. FOR OTHER MATERIALS TRACE WIDTH MAY NEED TO BE MODIFIED.

■ DENOTES PCB COPPER LAYOUT

▨ DENOTES COPPER LAND PATTERN FREE OF SOLDER MASK

