

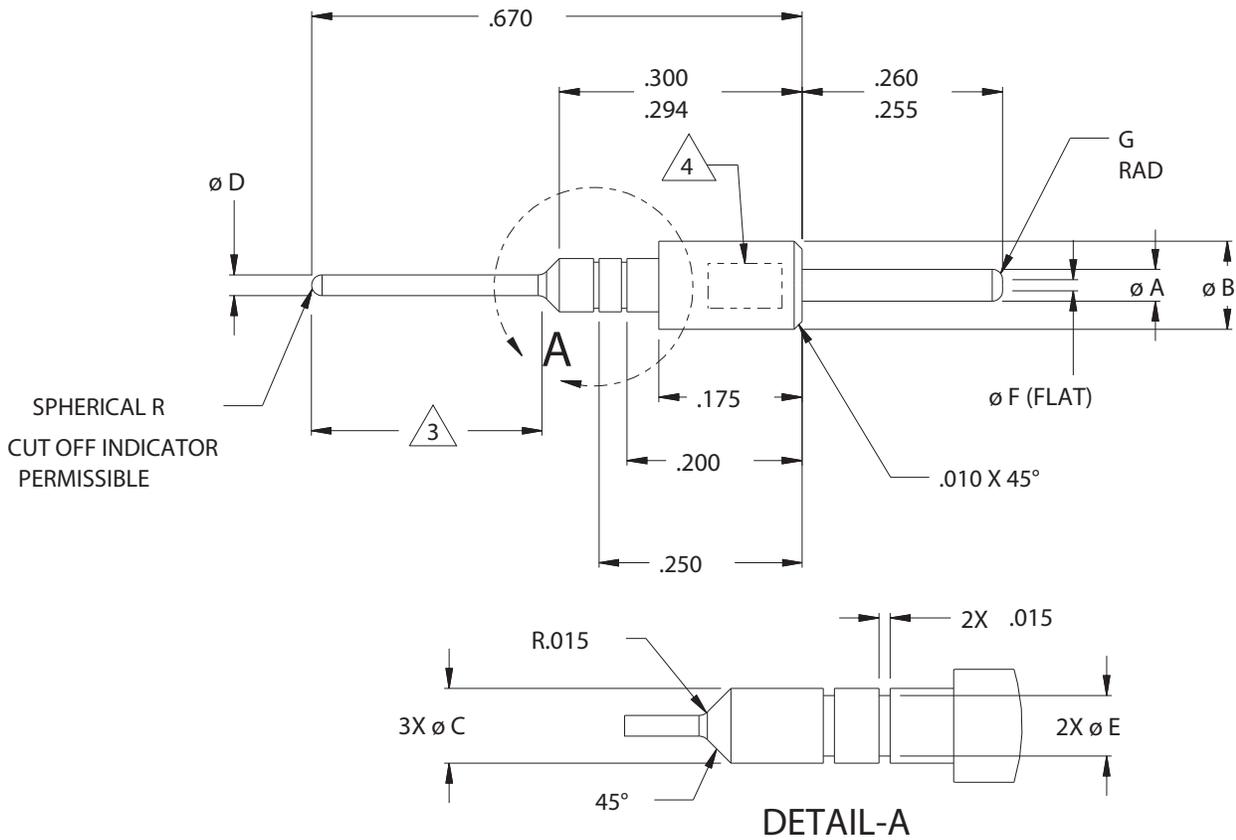
CONTACTS

857-153 PC Tail, Pin,
High-Durability AS39029/58 type



Use with SuperNine 233-209/-210 PC-Tail Wall-Mount Receptacles

| Part Number | Contact Size | Connector Compatibility | ØA | ØB | ØC | ØD | ØE | ØF (Flat) | G Rad. |
|-------------|--------------|-------------------------|----------------|--------------|--------------|--------------|--------------|--------------|--------------|
| 857-153-22 | #22 | 233-209 / 233-210 | .0305 .0295 | .072 .068 | .050 .044 | .020 .018 | .034 .030 | .011 Max. | .015 |
| 857-153-20 | #20 | 233-209 / 233-210 | .041 .039 | .111 .107 | .070 .064 | .030 .028 | .050 .044 | .015 Max. | .020 |
| 857-153-16 | #16 | 233-209 / 233-210 | .0635 .0615 | .156 .152 | .106 .100 | .040 .038 | .086 .080 | .028 .012 | .025 .020 |
| 857-153-12 | #12 | 233-210 | .095 .093 | .211 .207 | .144 .140 | .072 .070 | .124 .118 | .060 .044 | .025 .020 |



NOTES

1. Material/finish
Contact - Copper alloy / gold plated over nickel (selective plating acceptable)
2. Pin contacts shall meet or exceed the applicable dimensional, electrical, and mechanical requirements specified in SAE-AS39029/58 before and after 1500 durability cycles
3. Area indicated shall meet the solderability requirements of J-STD-002

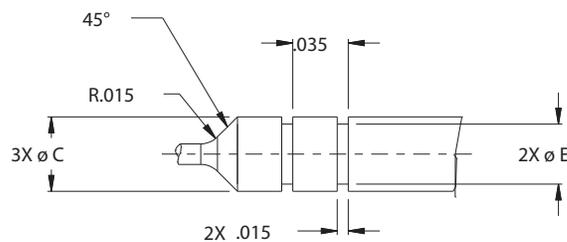
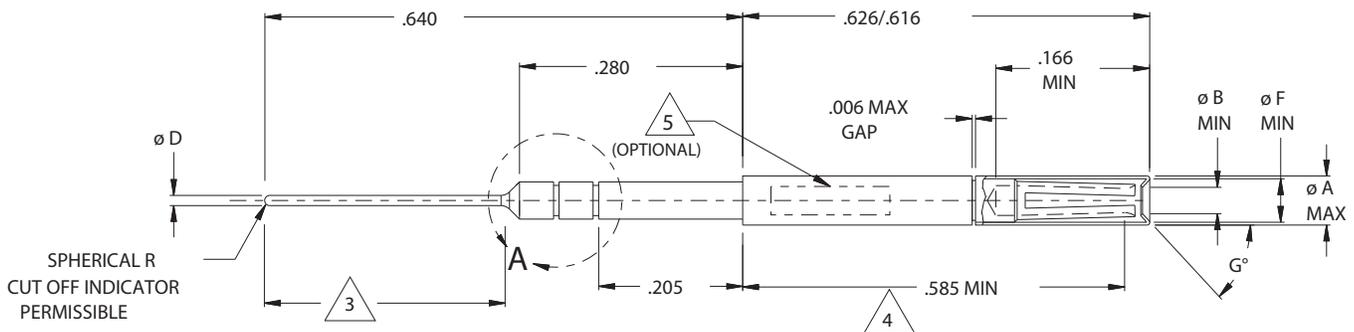
CONTACTS

857-157 PC Tail, Socket, High-Durability AS39029/56 type



Use with SuperNine 233-209/-210 PC-Tail Wall-Mount Receptacles

| Part Number | Contact Size | ØA Max | ØB | ØC | ØD | ØE | ØF Min | G° |
|-------------|--------------|--------|-------|--------------|--------------|--------------|--------|------------|
| 857-157-23 | #23 | .055 | .028 | .045 .040 | .020 .018 | .034 .030 | — | |
| 857-157-22 | #22 | .062 | .031 | .050 .044 | .020 .018 | .034 .030 | .047 | 50° 44° |
| 857-157-20 | #20 | .078 | .0415 | .070 .064 | .030 .028 | .050 .044 | .053 | 47° 40° |
| 857-157-16 | #16 | .113 | .064 | .106 .100 | .040 .038 | .086 .080 | .084 | 47° 40° |
| 857-157-12 | #12 | .161 | .0955 | .144 .140 | .072 .070 | .124 .118 | .118 | 47° 40° |



DETAIL-A

NOTES

- Material/finish
Contact - Copper alloy / gold plated over nickel (selective plating acceptable)
- Socket contacts shall meet or exceed the applicable dimensional, electrical, and mechanical requirements specified in SAE-AS39029/56 before and after 1500 durability cycles
Contacts must meet engagement and separation force requirements as specified in AS39029, inspected / certified as follows:
A. Engagement force: Level II, AQL 1.0, per ANSI/ASQC Z1.4
B. Separation force: #16 and smaller, 100% sample size • #12, Level II sample size, AQL 0.25 per ANSI/ASQC Z1.4
- Area indicated shall meet the solderability requirements of J-STD-002
- Point at which a square-ended pin of the same basic diameter as a mating contact first engages the socket contact spring.

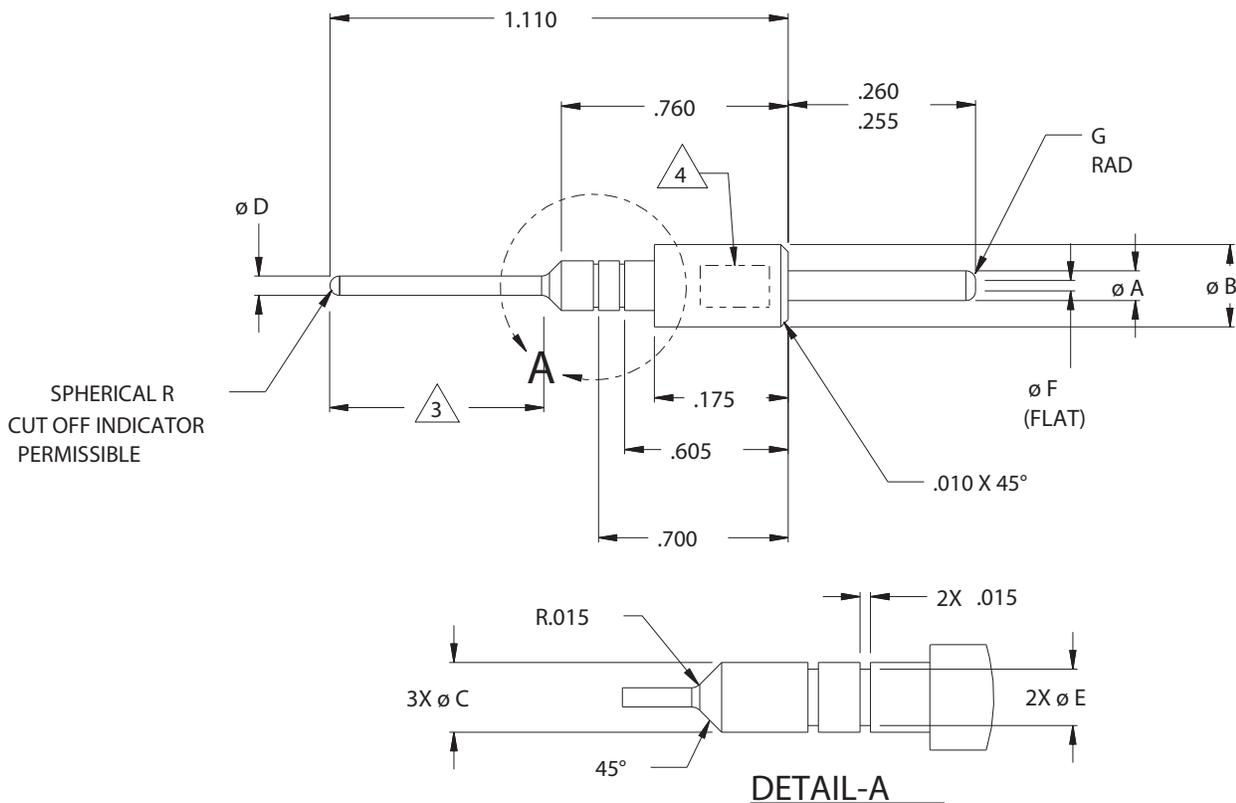
CONTACTS

857-152 PC Tail, Pin, High-Durability AS39029/58 type



Use with SuperNine 233-211 PC-Tail Wall-Mount Receptacles

| Part Number | Contact Size | ØA | ØB | ØC | ØD | ØE | ØF (Flat) | G Rad. |
|-------------|--------------|----------------|--------------|--------------|--------------|--------------|--------------|--------------|
| 857-152-22 | #22 | .0305 .0295 | .072 .068 | .050 .044 | .020 .018 | .034 .030 | .011 Max. | .015 |
| 857-152-20 | #20 | .041 .039 | .111 .107 | .070 .064 | .030 .028 | .050 .044 | .015 Max. | .020 |
| 857-152-16 | #16 | .0635 .0615 | .156 .152 | .106 .100 | .040 .038 | .086 .080 | .028 .012 | .025 .020 |
| 857-152-12 | #12 | .095 .093 | .211 .207 | .144 .140 | .072 .070 | .124 .118 | .060 .044 | .025 .020 |



NOTES

1. Material/finish
Contact - Copper alloy / gold plated over nickel (selective plating acceptable)
2. Pin contacts shall meet or exceed the applicable dimensional, electrical, and mechanical requirements specified in SAE-AS39029/58 before and after 1500 durability cycles
3. Area indicated shall meet the solderability requirements of J-STD-002

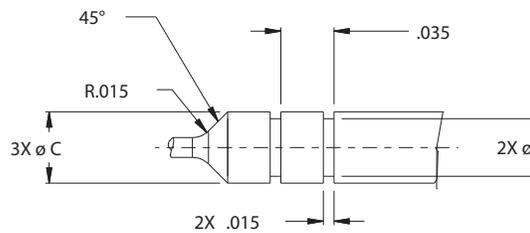
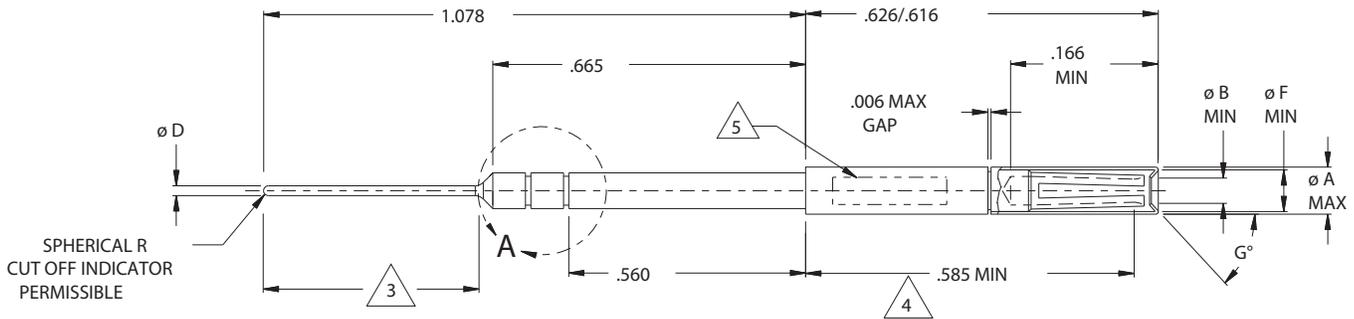
CONTACTS

857-155 PC Tail, Socket, High-Durability AS39029/56 type



Use with SuperNine 233-211 PC-Tail Wall-Mount Receptacles

| Part Number | Contact Size | ØA Max | ØB | ØC | ØD | ØE | ØF Min | G° |
|-------------|--------------|--------|-------|--------------|--------------|--------------|--------|------------|
| 857-155-23 | #23 | .055 | .028 | .045 .040 | .020 .018 | .034 .030 | — | |
| 857-155-22 | #22 | .062 | .031 | .050 .044 | .020 .018 | .034 .030 | .047 | 50° 44° |
| 857-155-20 | #20 | .078 | .0415 | .070 .064 | .030 .028 | .050 .044 | .053 | 47° 40° |
| 857-155-16 | #16 | .113 | .064 | .106 .100 | .040 .038 | .086 .080 | .084 | 47° 40° |
| 857-155-12 | #12 | .161 | .0955 | .144 .140 | .072 .070 | .124 .118 | .118 | 47° 40° |



DETAIL-A

83H-85179-8

NOTES

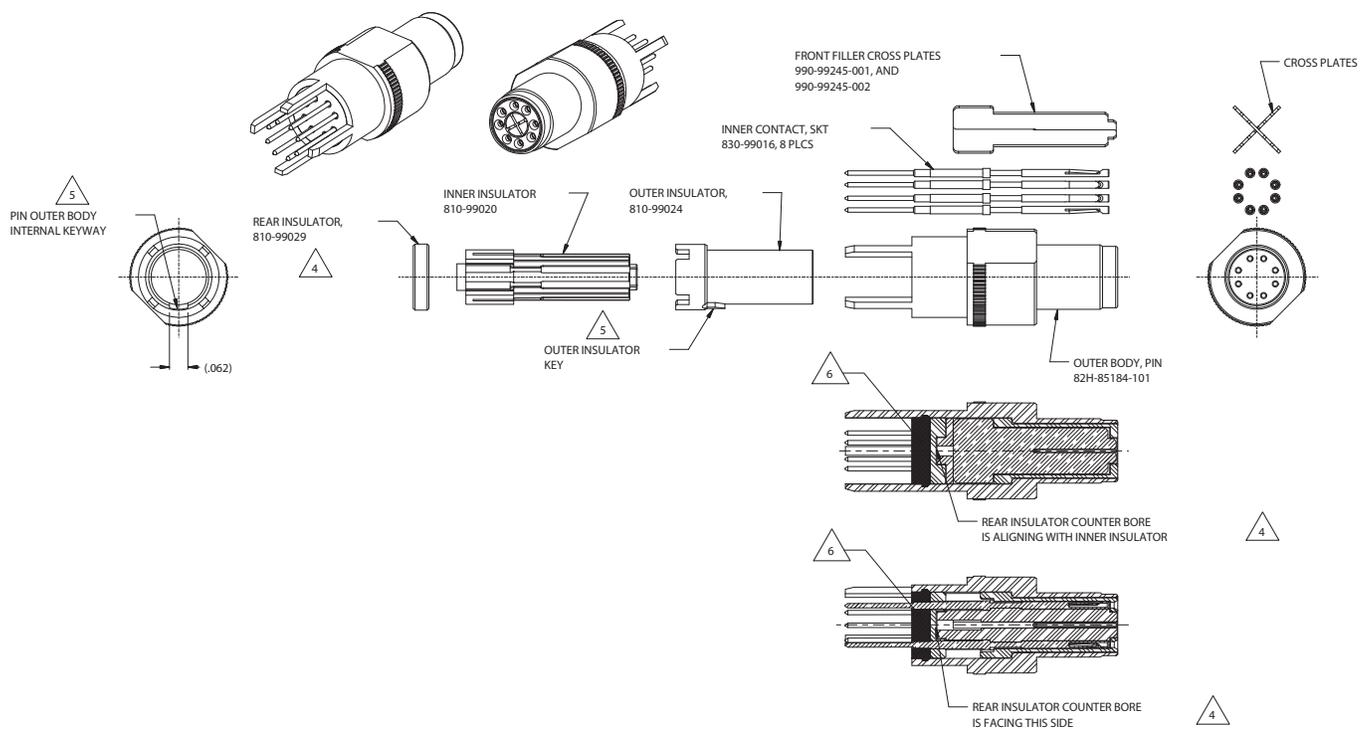
1. Material/finish
Contact - Copper alloy / gold plated over nickel (selective plating acceptable)
2. Socket contacts shall meet or exceed the applicable dimensional, electrical, and mechanical requirements specified in SAE-AS39029/56 before and after 1500 durability cycles
3. Area indicated shall meet the solderability requirements of J-STD-002
4. Point at which a square-ended pin of the same basic diameter as a mating contact first engages the socket contact spring.

CONTACTS

82H-85179-8 El Ochito Blue, PC Tail, Pin, Size #8, USB 3



Use with SuperNine 233-218 PC-Tail Wall-Mount Receptacles

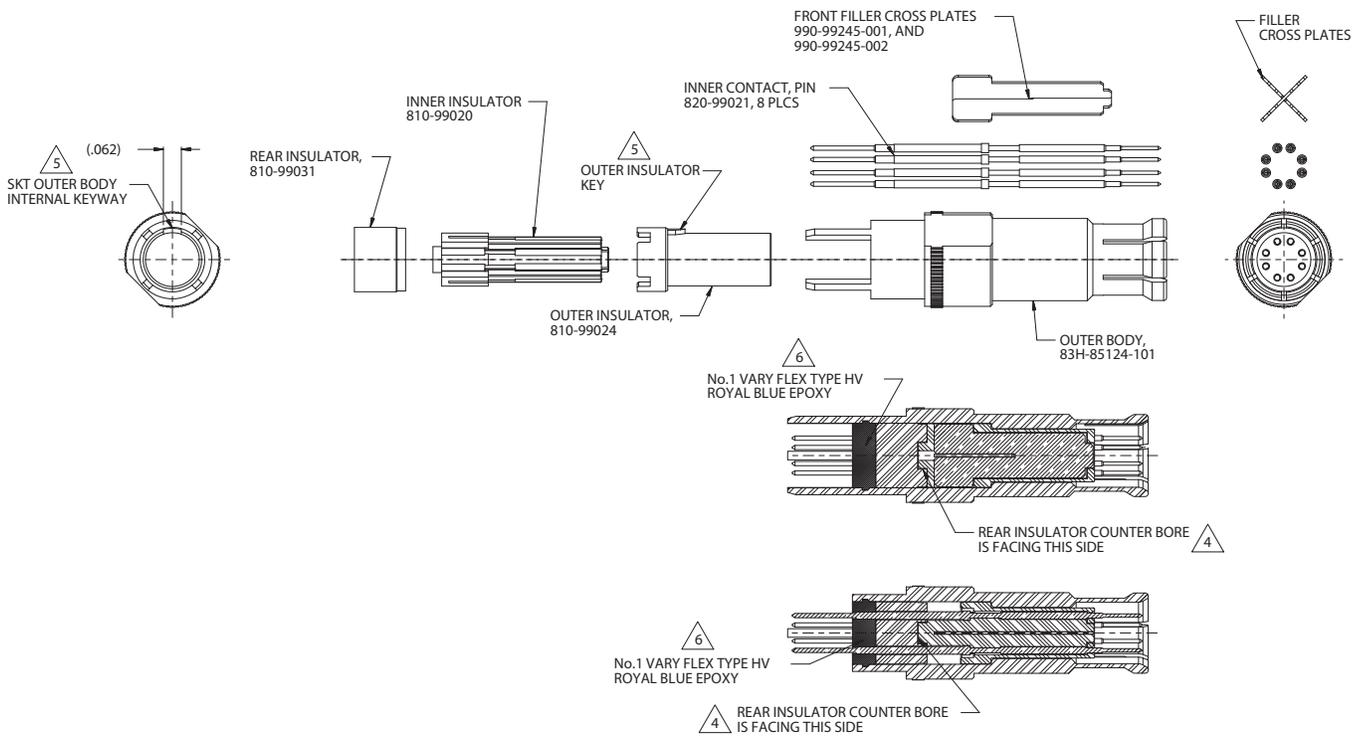


CONTACTS

83H-85178-8 El Ochito Blue, PC Tail, Socket, Size #8, USB 3

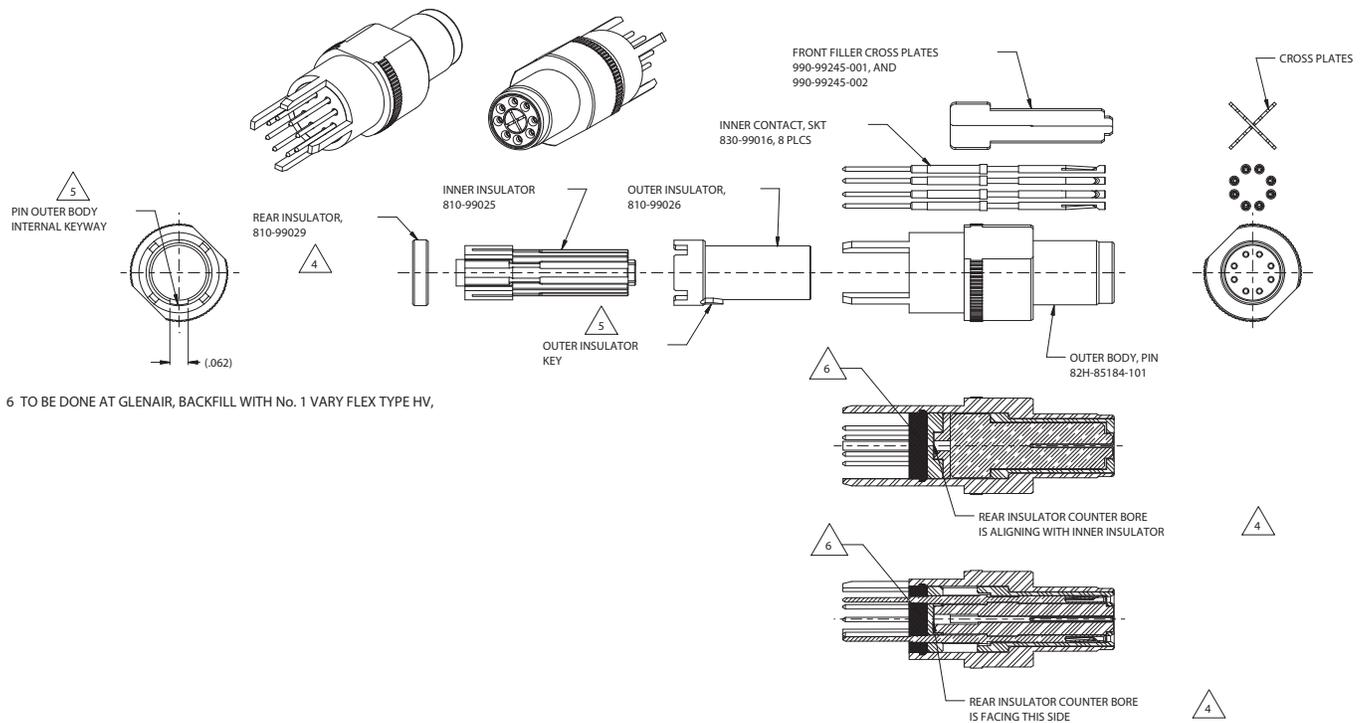


Use with SuperNine 233-218 PC-Tail Wall-Mount Receptacles



CONTACTS

82H-85180-8 El Ochito Red, PC Tail, Pin,
 Size #8, HDMI/SATA/DisplayPort/General High-Speed
 Use with SuperNine 233-218 PC-Tail Wall-Mount Receptacles

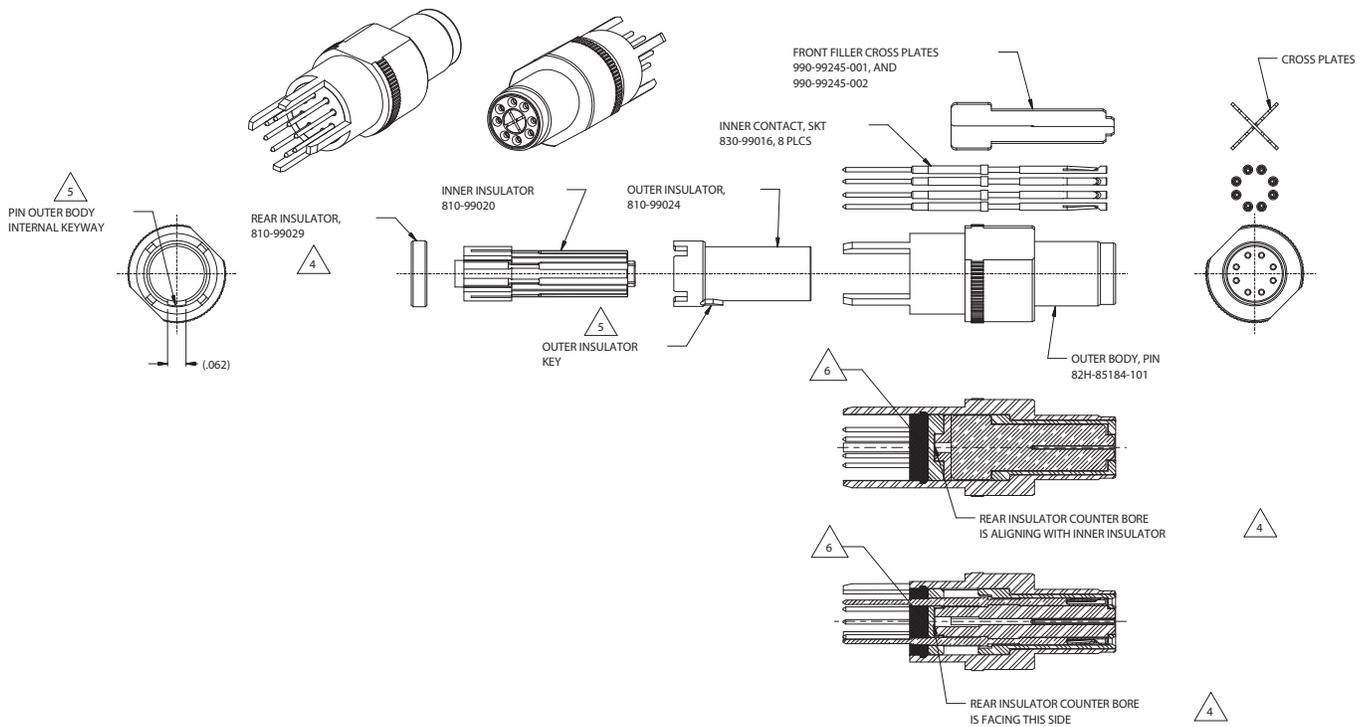


CONTACTS

83H-85179-8 El Ochito Red, PC Tail, Socket, Size #8, HDMI/SATA/DisplayPort/General High-Speed



Use with SuperNine 233-218 PC-Tail Wall-Mount Receptacles

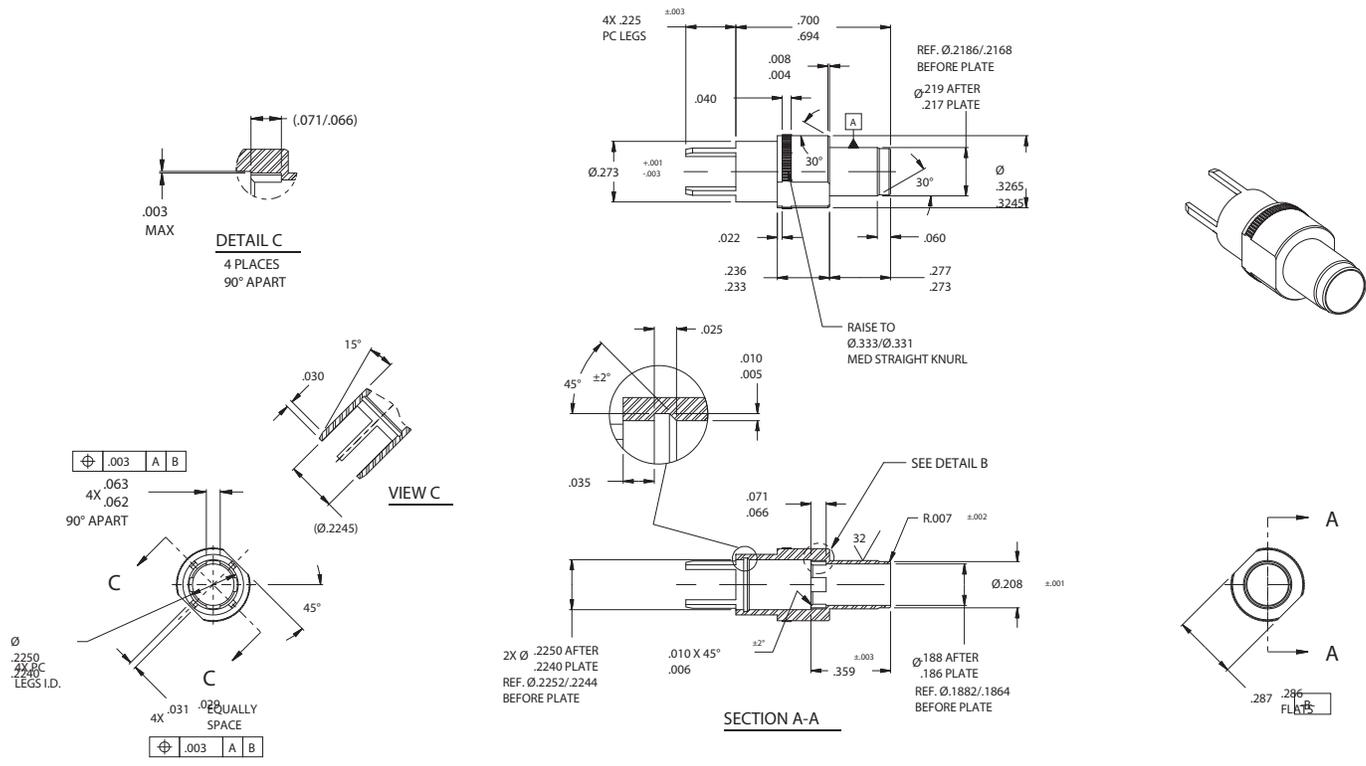


CONTACTS

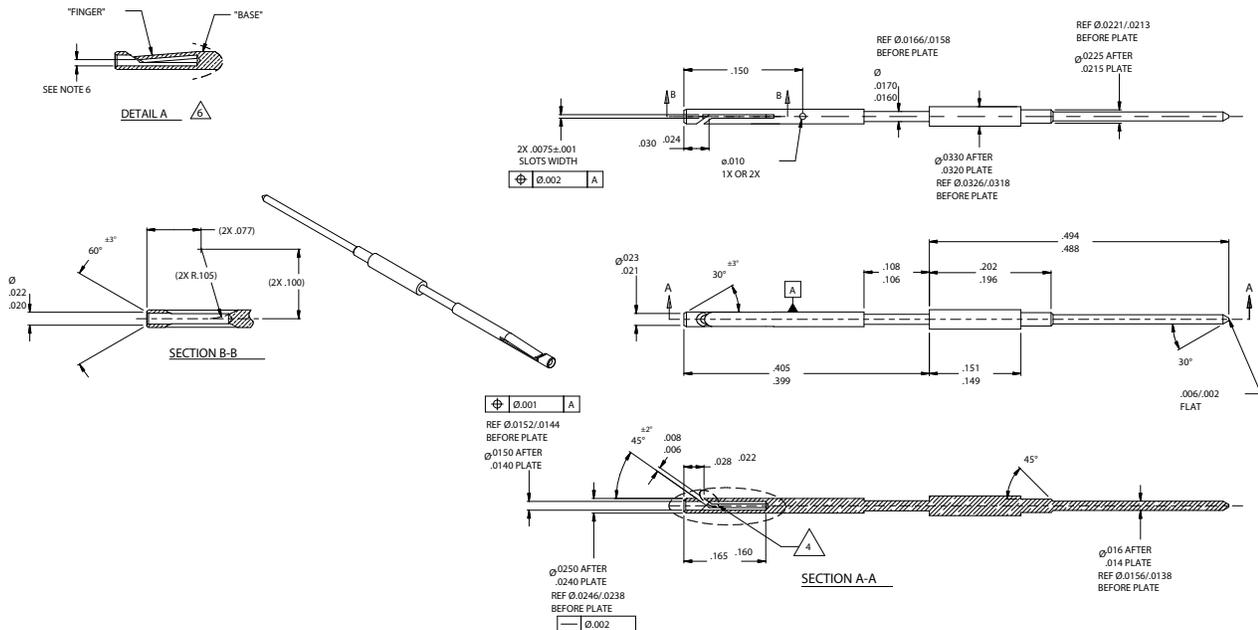
82H-85110-8 El Ocho White, PC Tail, Pin,
Size #8



Use with SuperNine 233-218 PC-Tail Wall-Mount Receptacles



6. FINISH: GOLD PER ASTM B 488, TYPE II, CODE C,

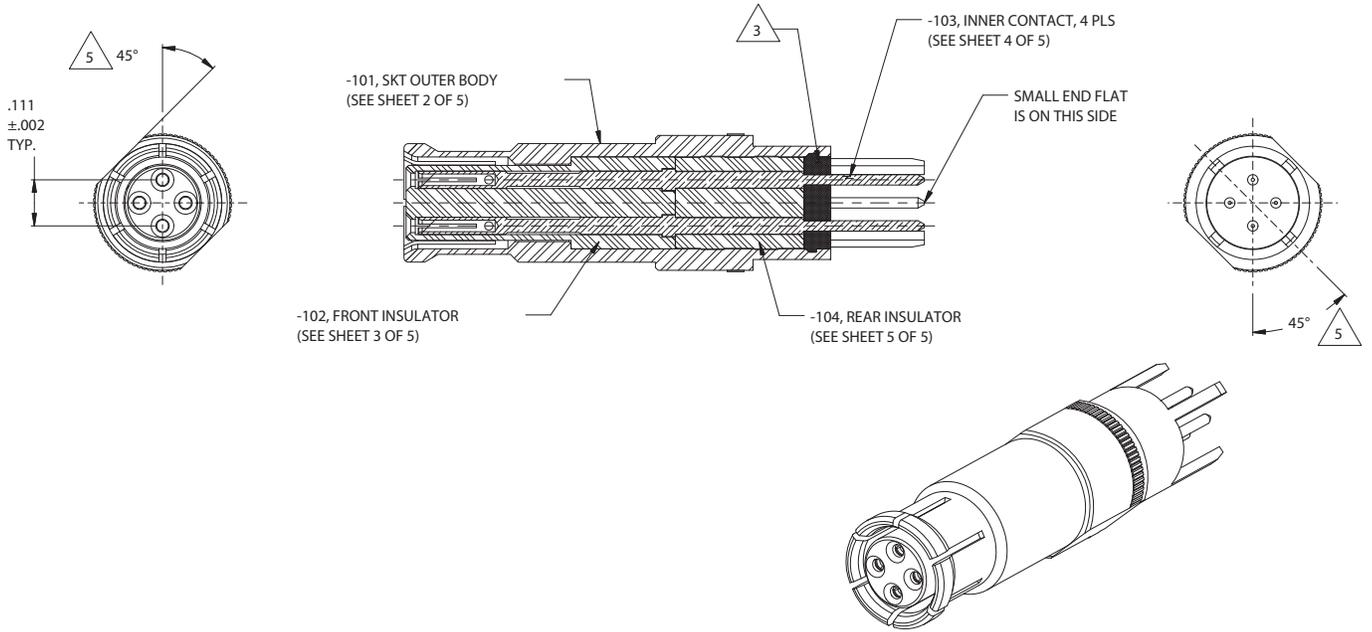


CONTACTS

83H-85123-8 Quadrax, PC Tail, Socket,
Size #8, 100 Ohms



Use with SuperNine 233-218 PC-Tail Wall-Mount Receptacles

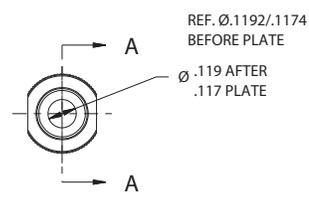
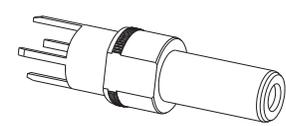
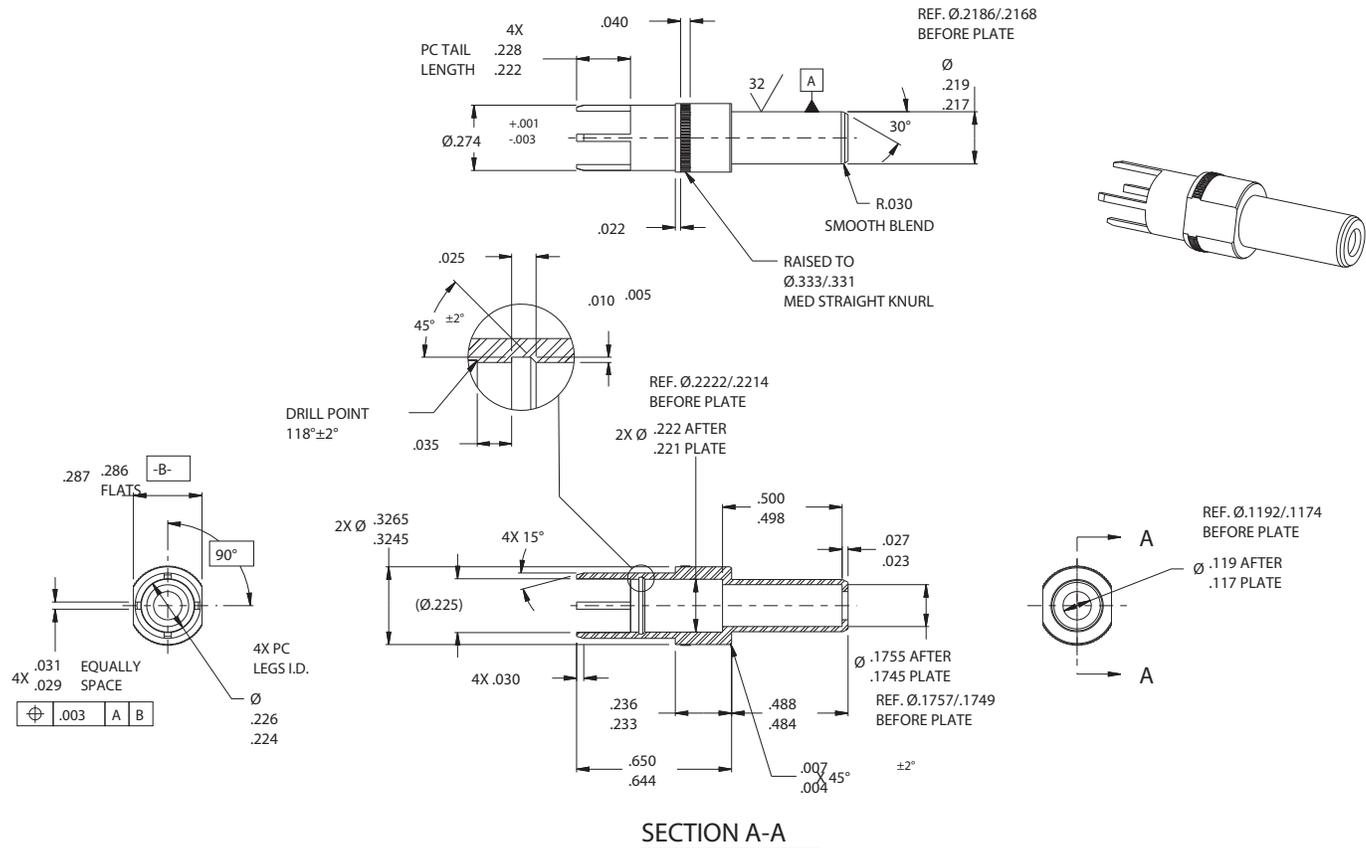


CONTACTS

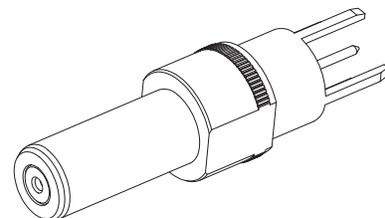
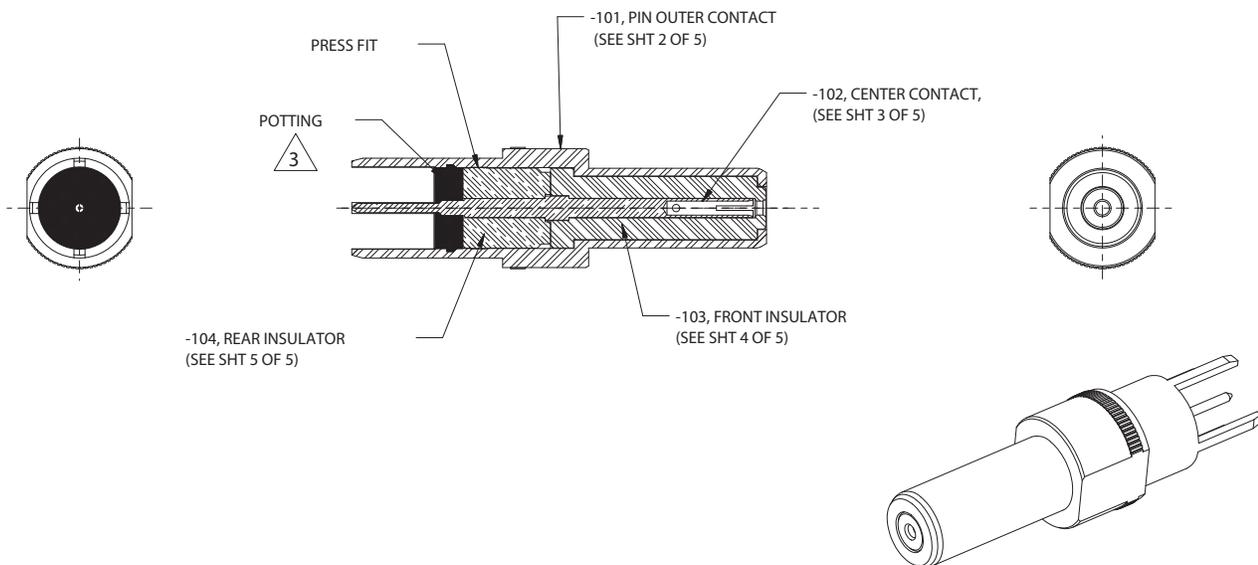
82H-85129-8 Quadrax, PC Tail, Pin,
Size #8, 50 Ohms



Use with SuperNine 233-218 PC-Tail Wall-Mount Receptacles



SECTION A-A

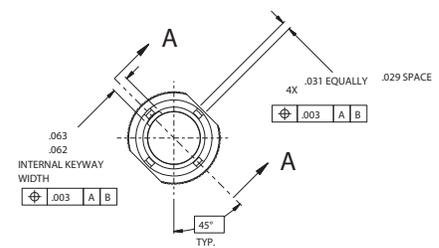
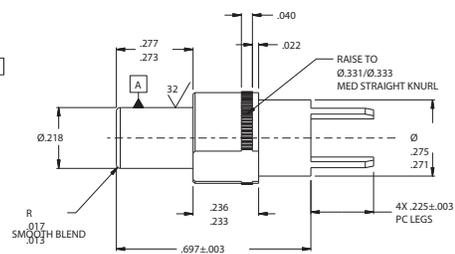
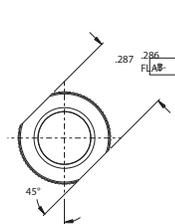
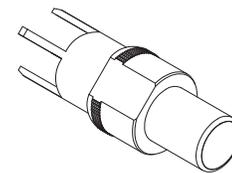
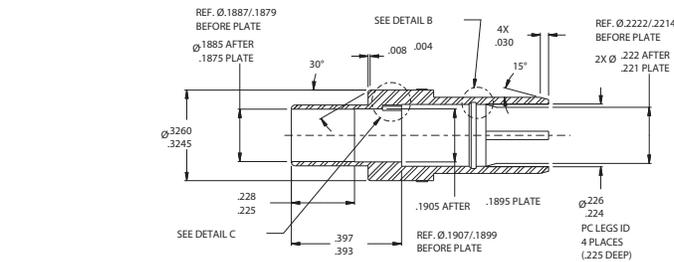
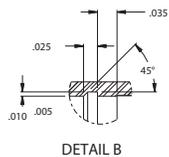
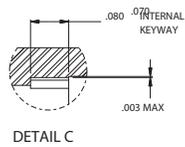


CONTACTS

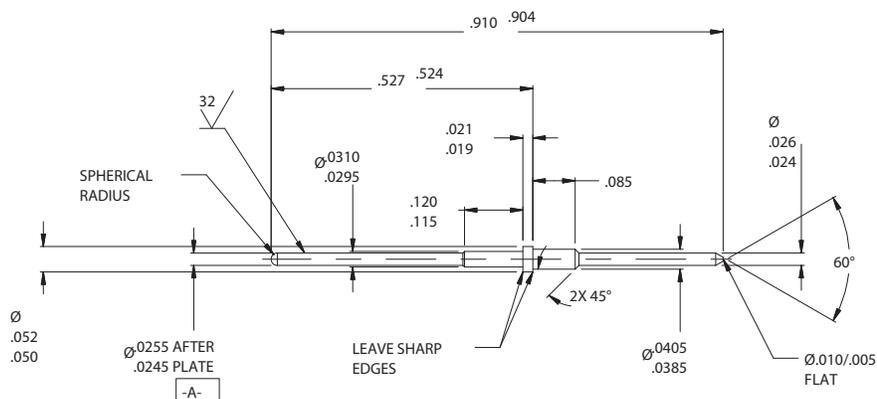
82H-85127-8 Twinax, PC Tail, Pin, Size #8, 100 Ohms



Use with SuperNine 233-218 PC-Tail Wall-Mount Receptacles



-101, OUTER CONTACT



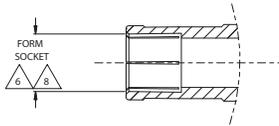
-104, INNER CONTACT

CONTACTS

83H-25142-8 Twinax, PC Tail, Socket, Size #8, M39029/91 type

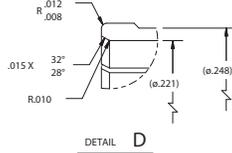


Use with SuperNine 233-218 PC-Tail Wall-Mount Receptacles

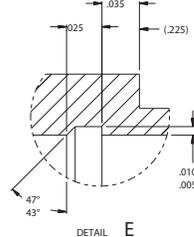


FORMING DETAIL

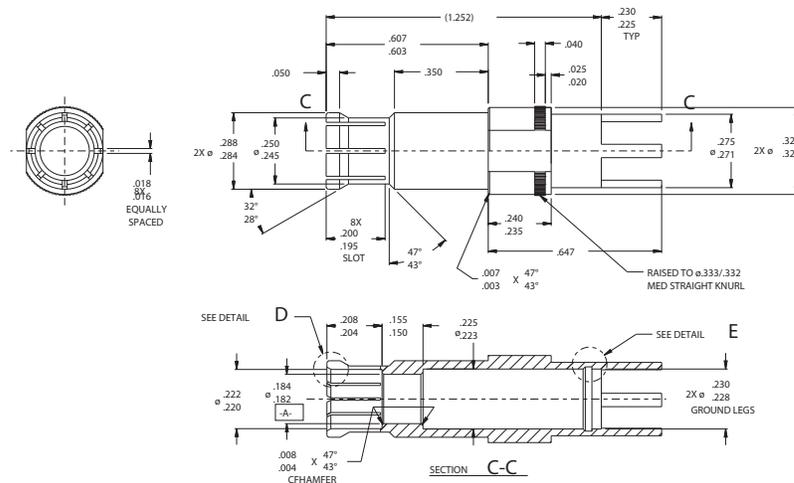
SOCKET LEGS TO BE COLLAPSED AS SHOWN BEFORE HEAT TREATMENT WITHIN .003 T.I.R. UNDER NO CIRCUMSTANCES ARE LEGS TO BE BOWED DURING OR AFTER FORMING.



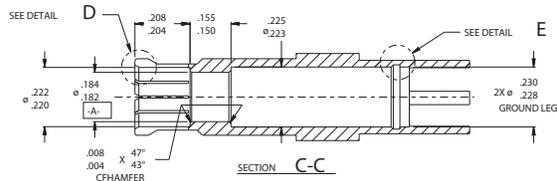
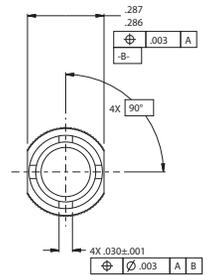
DETAIL D



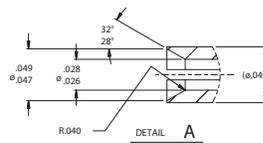
DETAIL E



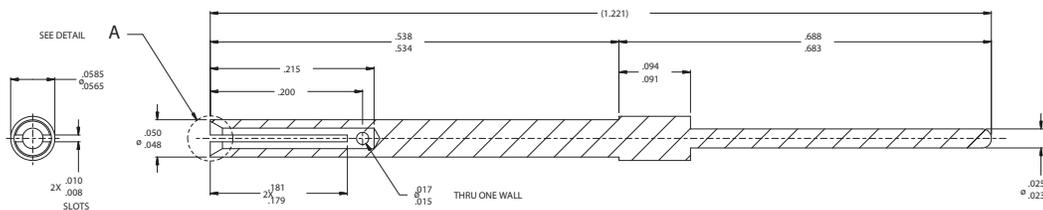
SECTION C-C



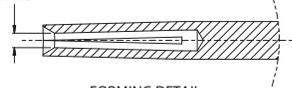
SECTION C-C



DETAIL A



AFTER FORMING



FORMING DETAIL

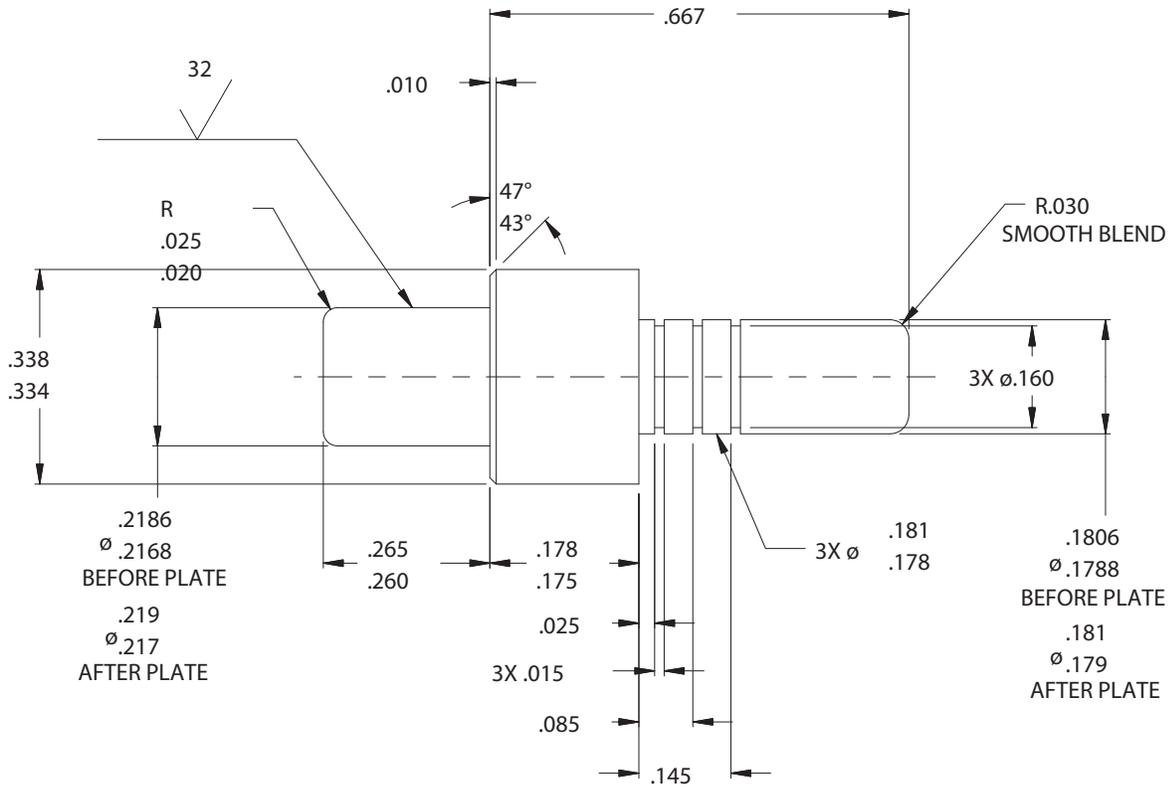
SOCKET LEGS TO BE COLLAPSED AS SHOWN BEFORE HEAT TREATMENT WITHIN .003 T.I.R. UNDER NO CIRCUMSTANCES ARE LEGS TO BE BOWED DURING OR AFTER FORMING.

CONTACTS

82H-25170-8 PC Tail, Pin,
Size #8 power



Use with SuperNine 233-218 PC-Tail Wall-Mount Receptacles

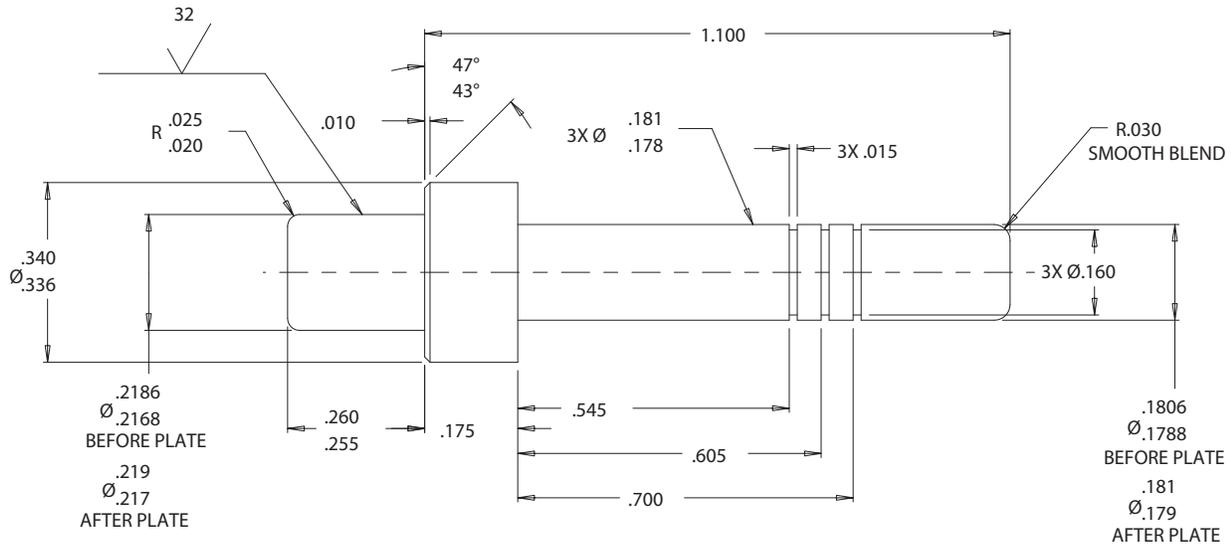


CONTACTS

82H-25179-8 PC Tail, Pin,
Size #8 power



Use with SuperNine 233-225 PC-Tail Dual-Flange Receptacles

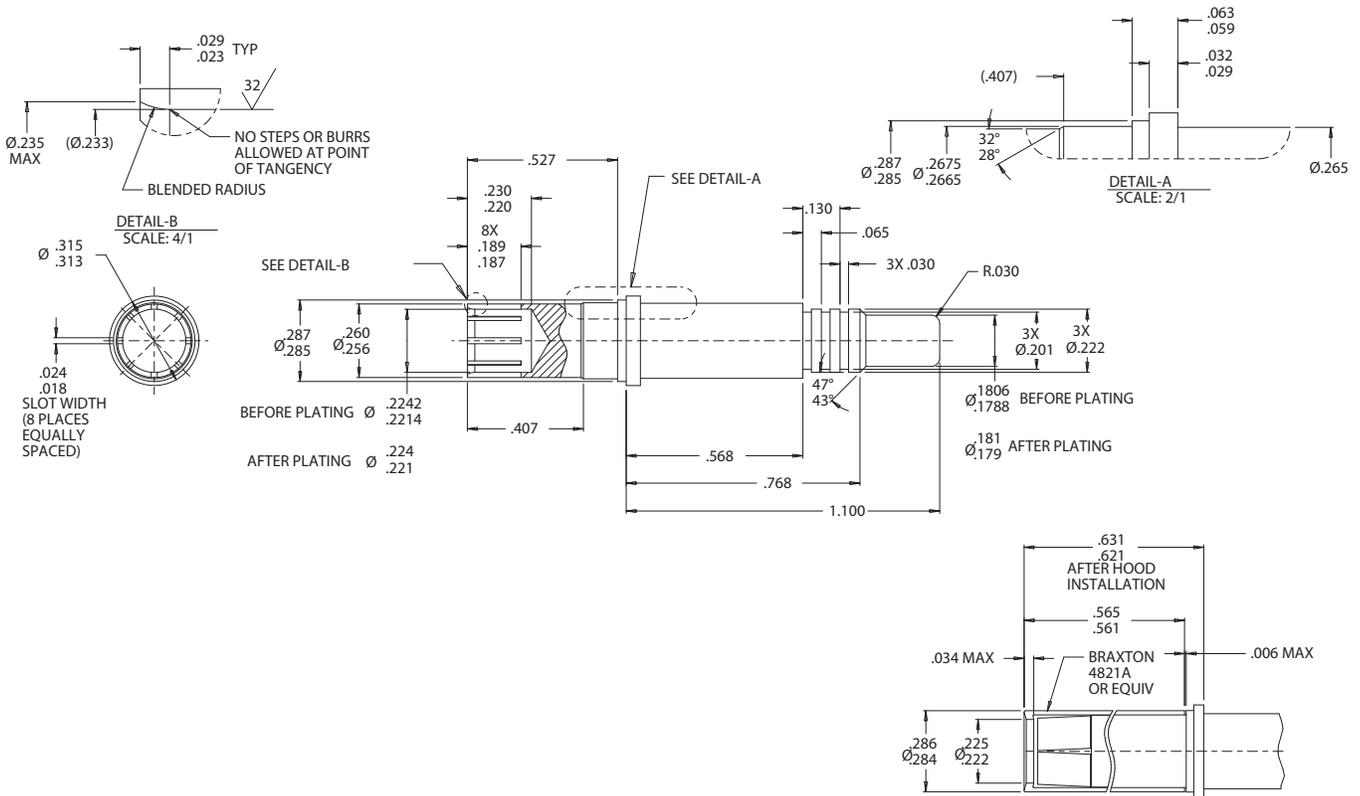


CONTACTS

83H-25147-8 PC Tail, Socket, Size #8 power



Use with SuperNine 233-225 PC-Tail Dual-Flange Receptacles



FORMING & ASSEMBLY DETAIL

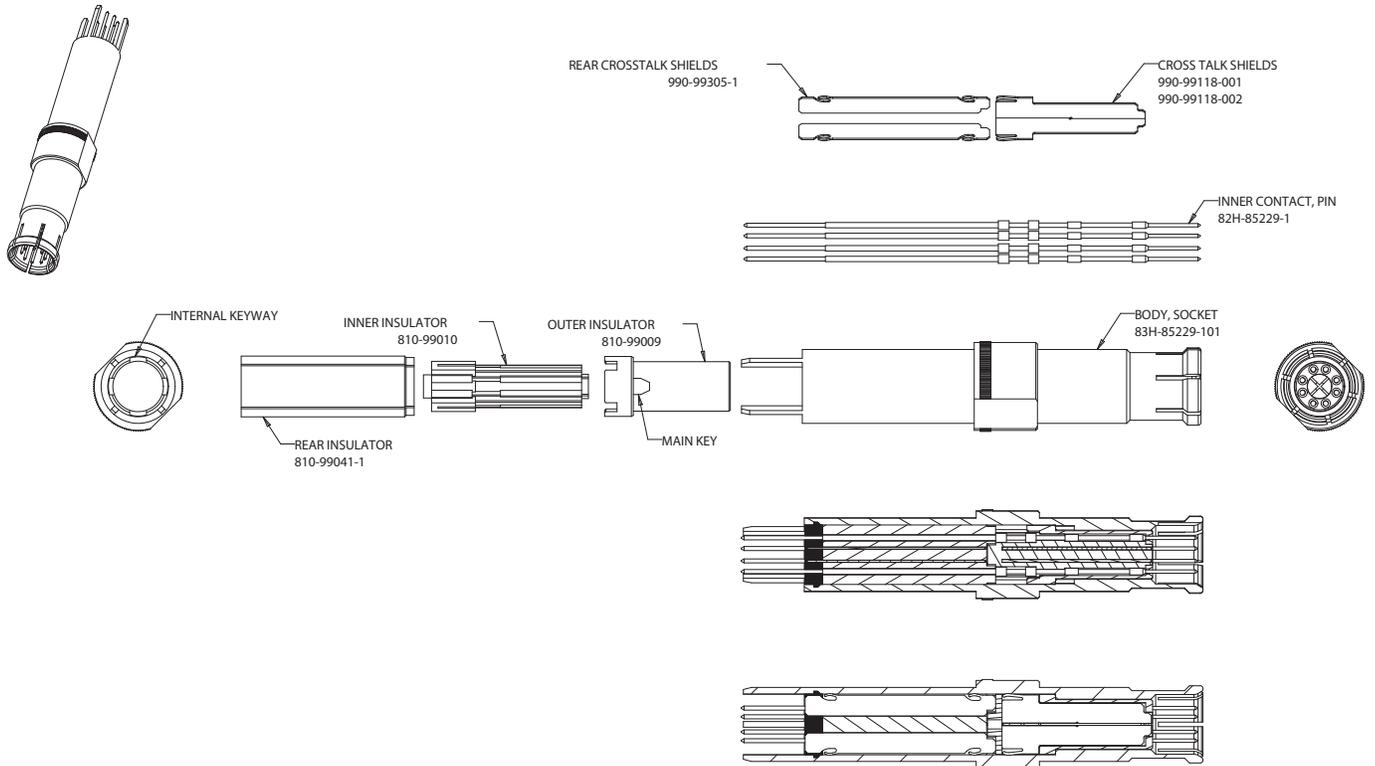
SOCKET LEGS TO BE COLLAPSED AS SHOWN WITHIN .005 T.I.R. UNDER NO CIRCUMSTANCES ARE LEGS TO BE BOWED DURING OR AFTER FORMING. STAINLESS HOOD SHALL BE PRESSED ON TO CONTACT TO DIMENSIONS SHOWN AFTER PLATING.

CONTACTS

83H-85229-8 El Ochito, PC Tail, Socket, Size #8



Use with SuperNine 233-225 PC-Tail Dual-Flange Receptacles



CONTACTS

83H-85184-8 Quadrax, PC Tail, Socket, Size #8, 100 Ohms



Use with SuperNine 233-225 PC-Tail Dual-Flange Receptacles

