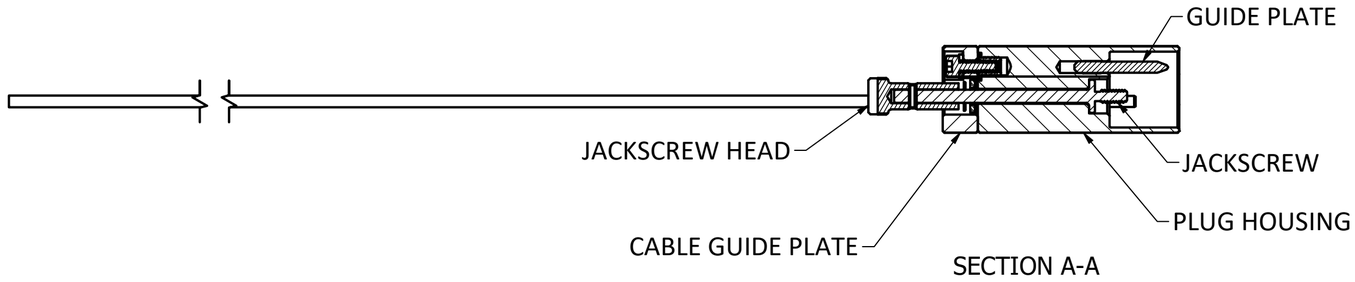
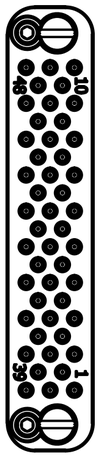
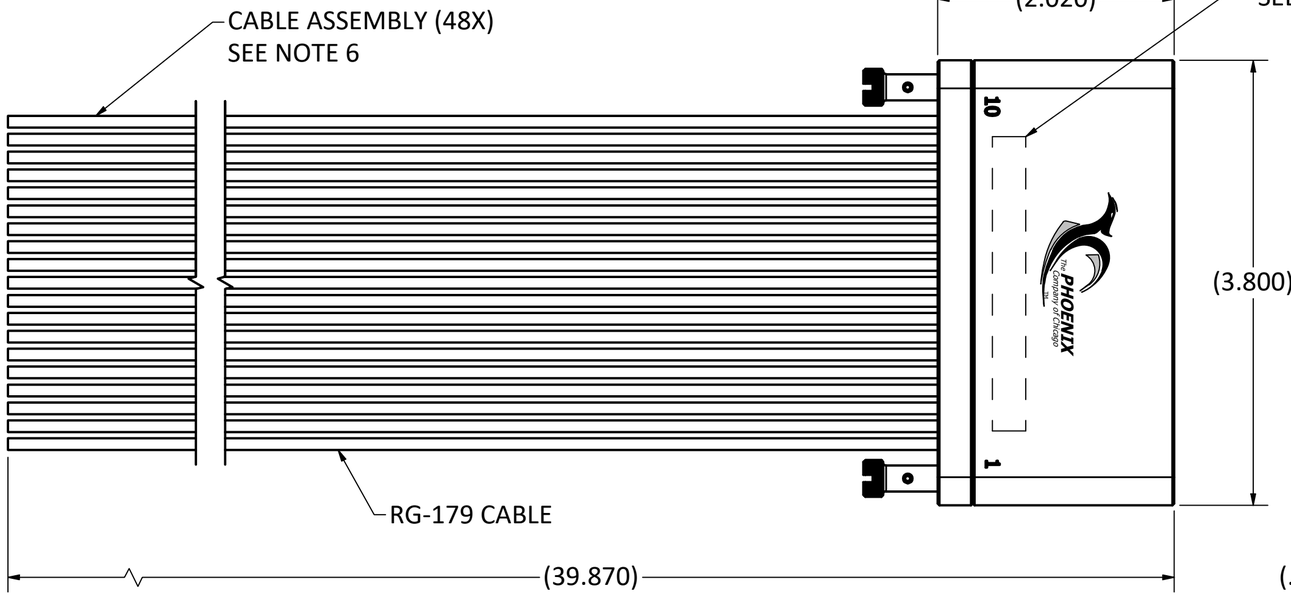
SPECIFICATIONS:

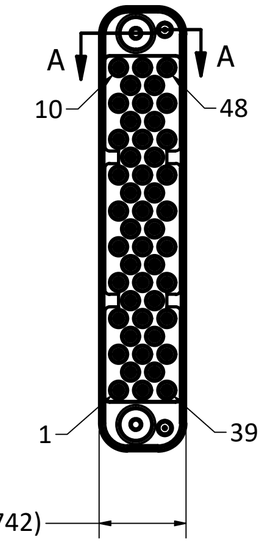
1. PART NUMBER: PX12FPD17BC394A AND DATE CODE.
2. MATERIALS:
   a) HOUSING & GUIDE PLATE: ACETAL, COLOR: BLACK.
   b) HARDWARE (JACKSCREWS, JACKSCREW HEADS, SCREWS, SPRING PINS, INSERTS AND WASHERS): STAINLESS STEEL.
   c) GUIDE PINS: STAINLESS STEEL.
3. FINISHES:
   a) HOUSING: NONE.
   b) HARDWARE: PASSIVATED.
   c) GUIDE PINS: PASSIVATED.
4. ELECTRICAL PROPERTIES (APPLIES TO HOUSING ONLY):
   a) DIELECTRIC STRENGTH: 1,000 VOLTS RMS AT SEA LEVEL; 325 VOLTS RMS AT 70,000 FEET.
   b) INSULATION RESISTANCE: 1 MEGOHM MINIMUM.
5. ENVIRONMENTAL PROPERTIES:
   OPERATING TEMPERATURE: -40° F TO +194° F ( -40° C TO +90° C ).
6. RF CABLE ASSY SPECIFICATIONS:
   a) IMPEDANCE 50 OHMS.
   b) HI-POT & CONTINUITY TEST 100%.
   c) PkZ® SPECIFICATIONS PER IDS-156.
   d) FREQUENCY: DC TO 3 GHz.

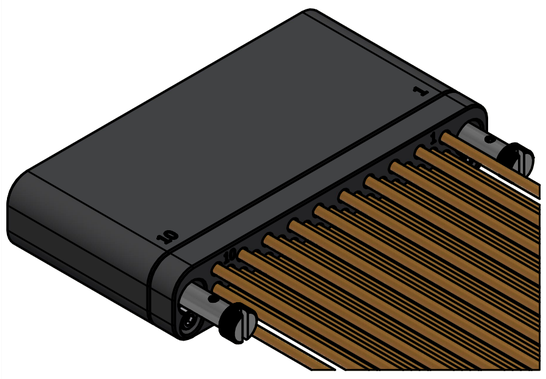


SECTION A-A




| REV. | DESCRIPTION | DATE | APPROVAL |
|---|---|---|---|
| A | RELEASED PER ECN 14504 | 3/28/2025 | AH |

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TOLERANCES ARE:
FRACTIONS: ± 1/64
DECIMALS: .XX ± .01
.XXX ± .003
ANGLES: ± 1/2°

| APPROVALS | DATE |
|---|---|
| DRAWN BP | 3/12/2025 |
| CHECKED DW | 3/28/2025 |
| QA JB | 3/28/2025 |
| MFG VL | 3/28/2025 |
| ENGINEER AH | 3/28/2025 |
| APPROVED AH | 3/28/2025 |

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TITLE

# PX PLUG HARNESS; 48 POS, SIZE 12 PkZ® TO BLUNT CUT ON RG-179 CABLE

| SIZE | FSCM | DWG NO | REV | PLATING OPT. |
|---|---|---|---|---|
| C | 58167 | **PX12FPD17BC394A** | A | |

SCALE 1 : 1 | F.S.R. # | SHEET 1 OF 1