CONDENSED SPECIFICATION:

1. THIS PLUG MATES WITH NEXUS TELEPHONE JACK TJ-105.
2. THE STRAIN RELIEF CLAMP IS INTENDED FOR USE WITH CABLES APPROXIMATELY .275" OUTSIDE DIAMETER.
3. THE SOLDER TERMINALS ARE Tinned AND EACH WILL ACCEPT TWO STRANDED CONDUCTORS OF .044" CIRCULAR MILS (24 GAGE, .01 STRANDS OF #40 AWG) EXCEPT TERMINAL #1 WHICH WILL ACCEPT ONE CONDUCTOR.
4. EACH CONDUCTOR IS OF ONE PIECE CONSTRUCTION - THERE ARE NO JOINTS OF ANY TYPE BETWEEN THE CONTACT AREA AND THE SOLDER TERMINALS.
5. THE .281" STAGE DIAMETER IS MACHINE AFTER INSERT MOLDINGS SO THE CONTACTS AND INSULATION ARE flush and concentric.
6. THE STAP CORD ANCHOR WILL WITHSTAND A 50 POUND PULL FOR AT LEAST 5 MINS.
7. THE CONCENTRICITY OF THE BALL END OF THE PLUG TO THE .281" DIA. IS SUCH THAT THE PLUG WILL FREELY ENTER A RING SAFETY HAVING A MAX. INTERNAL DIA. OF .284 FOR A LENGTH OF .730 & A MAX. INTERNAL DIA. OF .264 FOR A LENGTH OF .175 WITH NO FORCExCEPT ITS OWN WEIGHT.
8. MATERIALS:
   a. CONTACTS - NICKEL-COPPER ALLOY PER FEDERAL SPEC. QQ-N-261, (MONEI).
   b. STACK INSULATION -
   c. STRAIN RELIEF CLAMP - STAINLESS STEEL PER FEDERAL SPEC. QQ-S-766 CLASS 4.
   d. SHELL - BLACK.
9. ELECTRICAL:
   a. DIELECTRIC STRENGTH - 500 VOLS RMS MIN. BETWEEN ANY PAIR OF CONTACTS.
   b. INSULATION RESISTANCE - 100 MEGOHMS MIN. BETWEEN ANY PAIR OF CONTACTS.
   c. CONTACT RESISTANCE - WHEN MATED WITH NEXUS TJ-105 TELEPHONE JACK AND WITH DIRECT CURRENT OF 100 MILLIAMPERES AT 5 VOLTS (OPEN CIRCUIT VOLTAGE) FLOWING THROUGH THE CONTACTS, THE POTENTIAL DROP BETWEEN EACH PAIR OF CONTACTS WILL NOT EXCEED .005 VOLS.