

CONDENSED SPCEIFICATION:

- 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 404 CIRCULAR MILLS (24 GAGE, 41 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
- NO JOINTS OF ANY TYPE BEHVEN THE CONTACT AREA AND THE SOLDER TERMINALS.

 5. THE .281 STACK DIAMETER IS MACHINED AFTER INSERT MOLDING SO THE CONTACTS AND INSULATION ARE FLUSH AND CORCENTRIC.

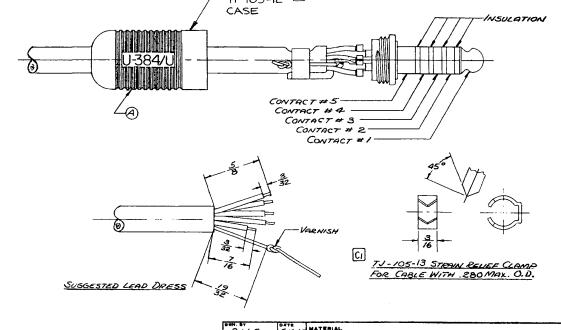
 6. THE STAY CORD ANCHOR WILL WITHSTAND A 50 POUND PULL FOR AT LEAST 5 MINS.

 7. THE CONCENTRICITY OF THE BALL END OF THE PLUG TO THE .281
- DIA. IS SUCH THAT THE PLUG WILL FRELLY ENTER A RING GAGE HAVING A MAX. INTERNAL DIA. OF .284 FOR A LENGTH OF .730 & A MAX. INTERNAL DIA. OF .254 FOR A LENGTH OF .175 WITH NO FORCE EXCEPT ITS OWN WEIGHT.
- 8. MATERIALS:
 - A. CONTACTS NICKEL-COPPER ALLOY PER FEDERAL SPEC. 00-N-281, (MONEL).
 - B. STACK INSULATION -
 - C. STRAIN RELIEF CLAMP STAINLESS STEEL PER FEDERAL SPEC. QQ-S-766 CLASS 4.
 - BLACK. D. SHELL
- 9. ELECTRICAL:
 - A. DIELECTRIC STRENGTH 500 VOLTS RMS MIN. BETWEEN ANY

 - A. DIELECTRIC STRENGIN SOU VULIS KMS MIM. 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 MILL-AMPERES AT 5 VOLTS (OPEN CIRCUIT VOLTAGE) FLOWING THROUGH THE CONTACTS, THE POTENTIAL DROP BETWEEN EACH PAIR OF CONTACTS WILL NOT EXCEED .005 VOLTS.



				R.W.F.	5-10-67	mar Enra			
				CHECKED BA	-	FINISH			
7	STRAP OT 2 NA CHARGE	1/19/2		APPR. BY		WEIGHT	SCALE 2:1 & 4:1		NEXUS
\mathcal{L}	1) TP+05-7 WAS TP-105-1	71787				TITLE			
C	1) TJ-105-13 WAS TP-105-Z	12/87			PECIFIED	TELEPHONE PILIC		STAMFORD, CONN.	
B	NOTES KINSEU	1/29/3	ax ?			1226111	DIVE I LOU	8126	DWG. NO.
A	REVISED	5,000		FRACTIONS DECIMAL					TP-105
LET.	REVISION	DATE	CHK.	\$ 1/64 :.006	:20	DO NOT SCALE DWG.	SHEET OF	~	// ///
	C B A	C 1)TJ-105-13 WAS TP-105-Z B NOTES ALVISED A REVISED	C 1) TJ-105-13 WAS TP-105-2 1/2/87 B NOTES A=115ED 1/2/18 A REVISED 580/10	1) TP-105-7 WAS TP-105-1 17981 C 1) TJ-105-13 WAS TP-105-2 1/2/81 B NOTES ALLISED 1/2/8 AN F	CHECKED BY CHECKED BY CHECKED BY CHECKED BY CHECKED BY CHECKED BY APPR. BY DITP-105-7 WRS TP-105-1 VR/BT DISCREPANCES AND TRANSPORTER PARTS ALVISED	CHECREO BY 2) ADDED PIN'S TO PARTS 1) TP 405-7 MRS 1P-105-1 19/81 C 1) TJ -105-13 WNS, TP-105-2 19/81 B NOTES ALLIEU 1/2/5 AND TREASMENS ARE IN MORES A REVISED 578471	CHECKED BY FINISH D 2) ADDED PIN'S TO PARTS 19/8 APPR. BY I) TP-05-7 WAS TP-105-1 19/8 UNLESS OTHERWISE SPECIFICS A 10-105-13 WAS, TP-105-2 19/8 UNLESS OTHERWISE SPECIFICS A 10-105-13 WAS, TP-105-2 19/8 APPR. BY A 10-105-13 WAS, TP-105-13 APPR. BY	CHECKEO BY CHECKEO BY FINISH D 2) ADDED PIN'S TO PARTS 1/8/8 APPR. BY WEIGHT SCALE 2:1/ £ 4:1 TITLE TELEPHONE PLUG PROFILE STANDARD STANDARD STANDARD STREETINGS A CEVISED STANDARD STANDARD STREETINGS PROFILE STANDARD STRANDARD STREETINGS PROFILE STRANDARD STRANDA	CHECKED BY CHECKED BY FINISH D 2) ADDED PIN'S TO PARTS I) TP-105-7 WAS TP-105-1 O () TJ-105-13 WIN, TP-105-2 III B NOTCS A 217560 TRANSPORT BECINE ABILE TELEPHONE PLUG STREET TALBARCES BE TALBARCES BE