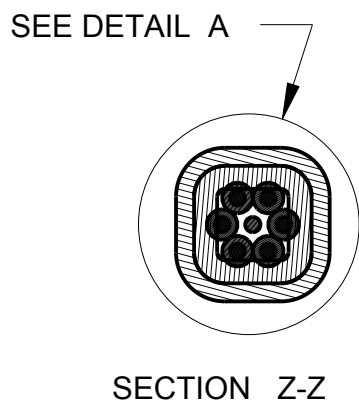
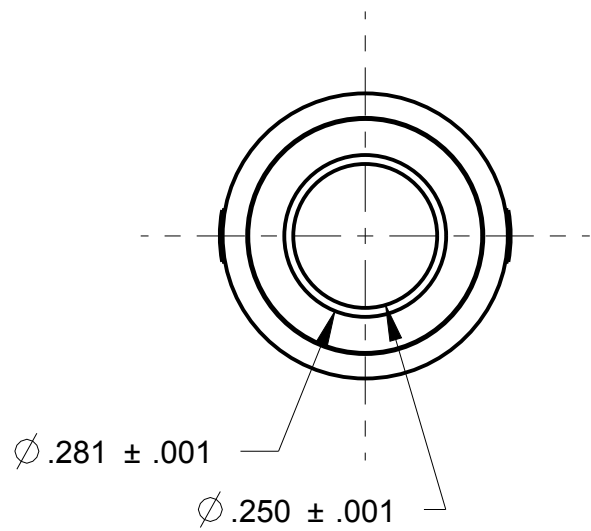


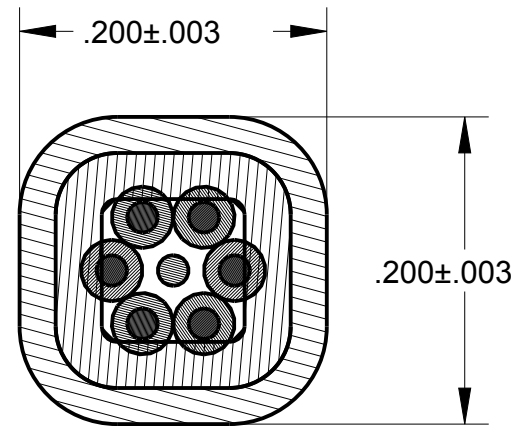
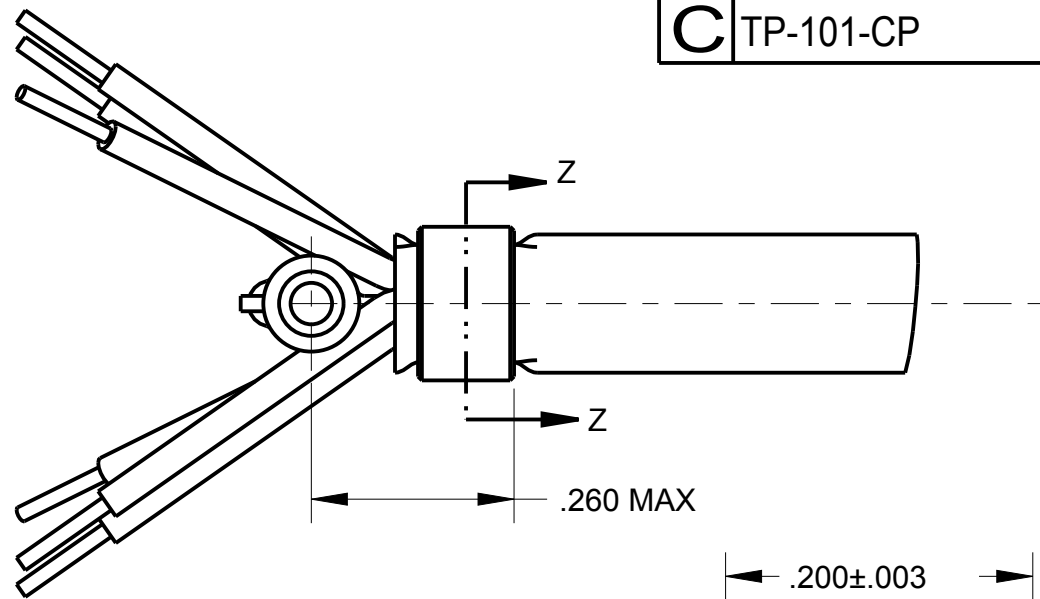
ITEM #	PART #	QTY	DESCRIPTION
1	TP-101-7	1	STACK & CABLE RETAINER ASSEMBLY
2	TP-101-9	1	CLAMP
3	TP-101-8	1	SHELL
4	TP-101-10	1	SPOOL
5	TP-101-11	1	RIVET

CONDENSED SPECIFICATIONS:

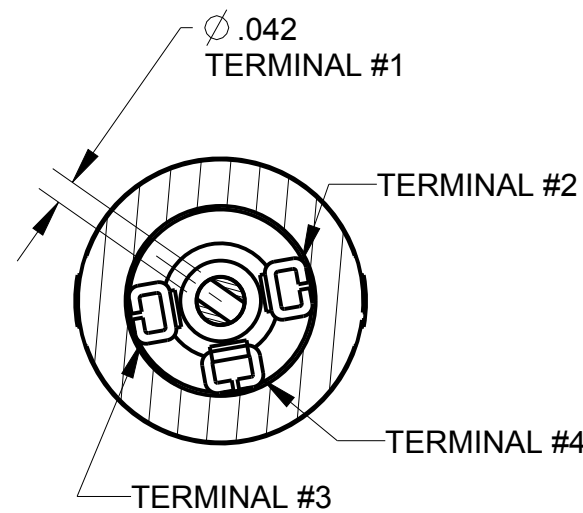
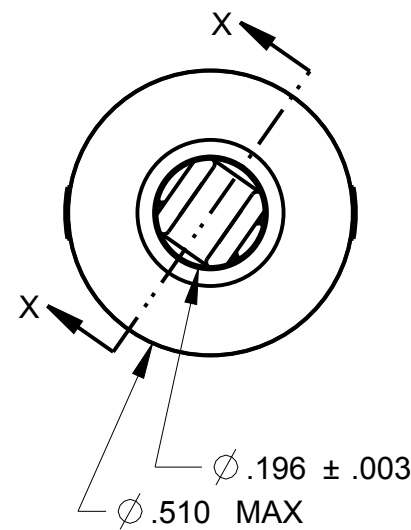
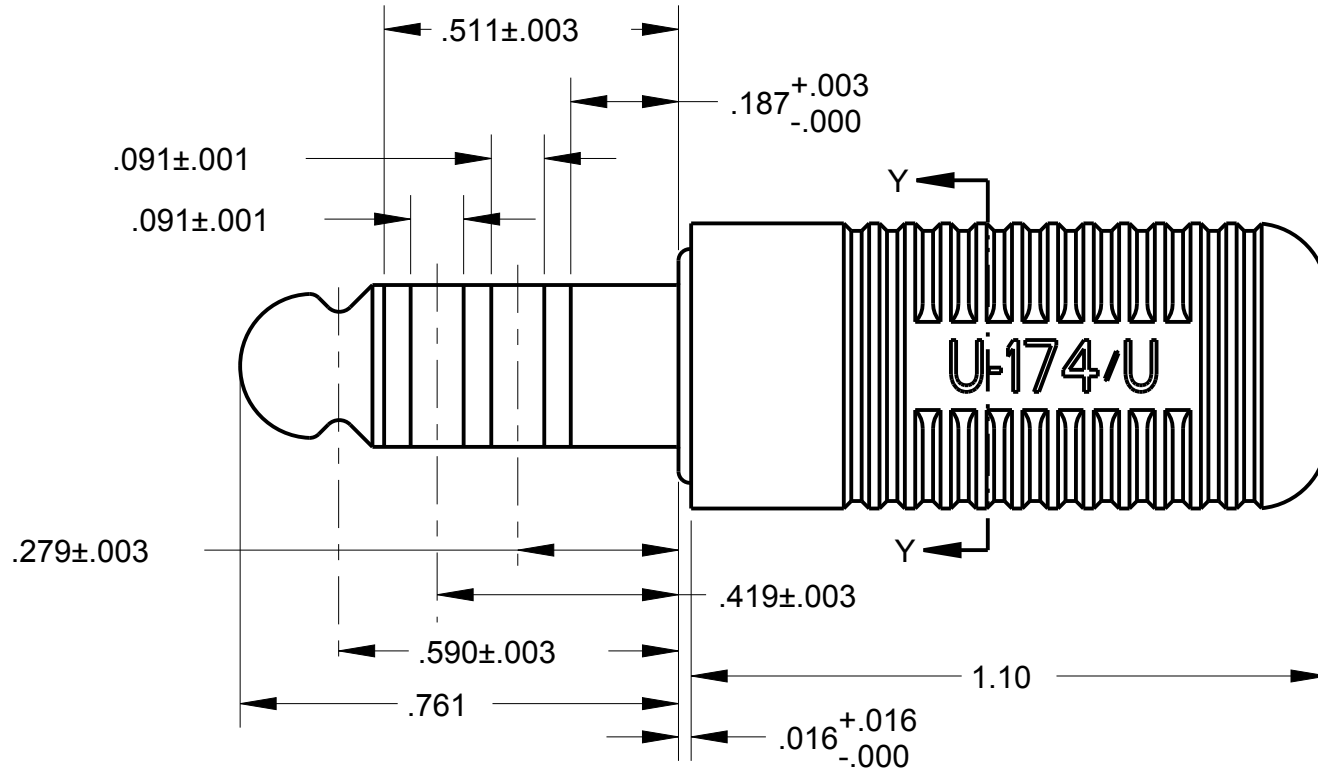
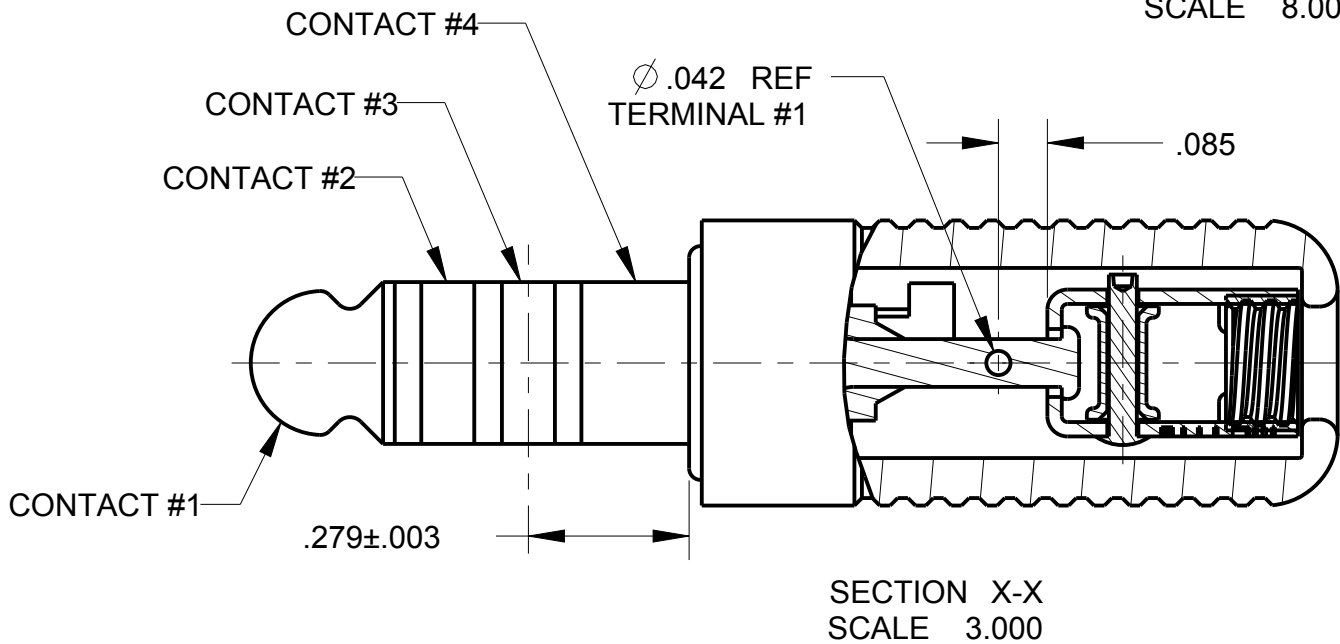
- 1) THIS PLUG MATES WITH TELEPHONE JACK U-92A/U PER MIL-T-9199
- 2) THE CABLE HARDWARE IS INTENDED FOR USE WITH CABLES SUCH AS THAT SHOWN ON AIR FORCE DWG #60C12501
- 3) THE SOLDER TERMINALS ARE TINNED & EACH WILL ACCEPT TWO STRANDED CONDUCTORS OF 320 CIRCULAR MILLS (37 BUNCH STRANDED AWG #40)
- 4) EACH CONDUCTOR IS OF ONE PIECE CONSTRUCTION (THERE ARE NO JOINTS OF ANY TYPE BETWEEN THE CONTACT AREA AND THE SOLDER TERMINALS
- 5) THE $\varnothing .281$ STACK IS MACHINED AFTER INSERT MOLDING SO THE CONTACTS & INSULATION ARE FLUSH & CONCENTRIC
- 6) THE CABLE CLAMP WILL WITHSTAND A 25 LB PULL FOR AT LEAST 5 MINS
- 7) A SHOULDER IS FORMED AS AN INTEGRAL PART OF CONTACT #4 TO PERMIT MATING WITH OBSOLETE U-92/U JACKS
- 8) THE CONCENTRICITY OF THE BALL END OF THE PLUG TO THE $\varnothing .281$ IS SUCH THAT THE PLUG WILL FREELY ENTER A RING GAGE HAVING A MAX INTERNAL $\varnothing .284$ FOR A LENGTH OF .590 & A MAX INTERNAL DIAMETER OF $\varnothing .254$ FOR A LENGTH OF .175 WITH NO FORCE EXCEPT ITS OWN WEIGHT
- 9) MATERIALS:
- A) CONTACTS: NICKEL-COPPER ALLOY PER FEDERAL SPEC QQ-N-281 (MONEL)
- B) STACK INSULATION: MINN, MINING & MFG CO KEL-F
- C) STRAIN RELIEF BRACKET: STAINLESS STEEL PER FEDERAL SPEC QQ-S-766, CLASS 4
- D) CABLE HARDWARE: COPPER ALLOY, ZINC PLATED
- E) SHELL: POLYIMIDE PLASTIC, BLACK PER MIL-P-17091, TYPE 1
- 10) ELECTRICAL:
- A) DIELECTRIC STRENGTH: 500 VRMS MIN BETWEEN ANY PAIR OF CONTACTS
- B) INSULATION RESISTANCE: 100 MEGAOHMS MIN BETWEEN ANY PAIR OF CONTACTS
- C) CONTACT RESISTANCE: WHEN MATED WITH A U-92A/U TELEPHONE JACK & WITH A DIRECT CURRENT OF 100 MILLAMPERES @ 5 V (OPEN CIRCUIT VOLTAGE) FLOWING THRU THE CONTACTS, THE POTENTIAL DROP BETWEEN EACH PAIR OF CONTACTS WILL NOT EXCEED .005V
- 11) THIS TELEPHONE PLUG IS SUPPLIED IN A POLYTHYLENE BAG WITH THE CASE & CABLE HARDWARE UNASSEMBLED
- 12) USE CRIMP TOOL "HX4" & CRIMP DIE "Y1633" TO ATTACH "CLAMP", TP-101-9



DIMENSIONS FOR ATTACHING CABLE CLAMP



DETAIL A
SCALE 8.000



SECTION Y-Y

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						DWN.BY WHF	DATE 4/20/69	MATERIAL		
						CHECKED BY RKB	DATE	FINISH		
						APPR.BY WHF	DATE	WEIGHT	SCALE = 2.00 :1	NEXUS STAMFORD,CONN SIZE C DWG. NO. TP-101-CP
C	CHG: PLATING IN NOTE #9D	214	11/14 2014	HR	WHF	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES & OR (mm) TOLERANCES: DECIMAL: ±XX(X)[X] ±XXX(X.XX[X] ±XXX(X.XXX[X] ±XX(X)[X] ±XXX(X.XX[X] ±XXX(X.XXX[X] FRACTION: ±XXXX ANGLES: ±X° ±XXXX ±X°		TITLE TELEPHONE PLUG U-174/U		
B	1) ADDED .050		11/19 1990							
A	REDRAWN		6/16 1965							
LET.	REVISION	CN #	DATE	CHK						