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REVISIONS		22-01	SH 1
REV	DESCRIPTION	DATE	APPROVED
K	REVISED PER ECO 15124	7/28/03	WB
L	ECO 55773	7/28/15	CM

TABLE 1

P2 CONN TYPE	A REF DIM 7	P1 CONN TYPE: BJ77 /8 SCHEMATICS E1	E2	E3	E4	E5	E6	E7	BJ77TL E1	E2	E3	E4	E5	E6	BJ77FL E1	E2	E3	E4	E5	E6	BJ377 E1	E2	E3	E4	E5	E6	BJ77RG (REVERCE GENDER) /8 E1	E2	E3	E4	E5	E6	BJ377RG (REVERCE GENDER) /8 E1	E2	E3	E4	E5	E6
		DASH NO																																					
CJ20	1.844	-1	-4	-7	-19	-25	-181		-41	-49	-57	-65	-73	-196	-81	-89	-97	-105	-113	-211	-121	-129	-137	-145	-153	-226														
UCJ20		-U1	-U4	-U7	-U19	-U25	-182		-U41	-U49	-U57	-U65	-U73	-197	-U81	-U89	-U97	-U105	-U113	-212	-U121	-U129	-U137	-U145	-U153	-227														
PL20	1.778	-2	-5	-8	-20	-26	-183	-265	-42	-50	-58	-66	-74	-198	-82	-90	-98	-106	-114	-213	-122	-130	-138	-146	-154	-228	-241	-243	-245	-247	-249	-251	-253	-255	-257	-259	-261	-263
UPL20		-U2	-U5	-U8	-U20	-U26	-184		-U42	-U50	-U58	-U66	-U74	-199	-U82	-U90	-U98	-U106	-U114	-214	-U122	-U130	-U138	-U146	-U154	-229	-242	-244	-246	-248	-250	-252	-254	-256	-258	-260	-262	-264
BJ29	1.847	-3	-6	-9	-21	-27	-185		-43	-51	-59	-67	-75	-200	-83	-91	-99	-107	-115	-215	-123	-131	-139	-147	-155	-230														
UBJ29		-U3	-U6	-U9	-U21	-U27	-186		-U43	-U51	-U59	-U67	-U75	-201	-U83	-U91	-U99	-U107	-U115	-216	-U123	-U131	-U139	-U147	-U155	-231														
CJ40	1.844	-10	-13	-16	-22	-28	-187		-44	-52	-60	-68	-76	-202	-84	-92	-100	-108	-116	-217	-124	-132	-140	-148	-156	-232														
UCJ40		-U10	-U13	-U16	-U22	-U28	-188		-U44	-U52	-U60	-U68	-U76	-203	-U84	-U92	-U100	-U108	-U116	-218	-U124	-U132	-U140	-U148	-U156	-233														
PL40	1.778	-11	-14	-17	-23	-29	-189		-45	-53	-61	-69	-77	-204	-85	-93	-101	-109	-117	-219	-125	-133	-141	-149	-157	-234														
UPL40		-U11	-U14	-U17	-U23	-U29	-190		-U45	-U53	-U61	-U69	-U77	-205	-U85	-U93	-U101	-U109	-U117	-220	-U125	-U133	-U141	-U149	-U157	-235														
BJ49	1.847	-12	-15	-18	-24	-30	-191		-46	-54	-62	-70	-78	-206	-86	-94	-102	-110	-118	-221	-126	-134	-142	-150	-158	-236														
UBJ49		-U12	-U15	-U18	-U24	-U30	-192		-U46	-U54	-U62	-U70	-U78	-207	-U86	-U94	-U102	-U110	-U118	-222	-U126	-U134	-U142	-U150	-U158	-237														
PL40P	1.778	-31	-32	-33	-34	-35	-193		-47	-55	-63	-71	-79	-208	-87	-95	-103	-111	-119	-223	-127	-135	-143	-151	-159	-238														
PL123	1.646	-36	-37	-38	-39	-40	-194		-48	-56	-64	-72	-80	-209	-88	-96	-104	-112	-120	-224	-128	-136	-144	-152	-160	-239														
UPL123		-161	-162	-163	-164	-165	-195		-166	-167	-168	-169	-170	-210	-171	-172	-173	-174	-175	-225	-176	-177	-178	-179	-180	-240														
BJ26		SEE 22-09																																				
UBJ26																																						
BJ46																																						
UBJ46																																						

TABLE 2 8

JACK POLARIZATION CHART (BJ77 AND BJ77RG ONLY)

KEYING LETTER	A DEGREES	B DEGREES	C DEGREES
NONE	120°	120°	120°
T	100°	150°	110°
U	120°	130°	110°
V	115°	130°	115°
W	125°	110°	125°
X	130°	100°	130°
Y	110°	140°	110°
Z	100°	160°	100°
S	135°	135°	90°

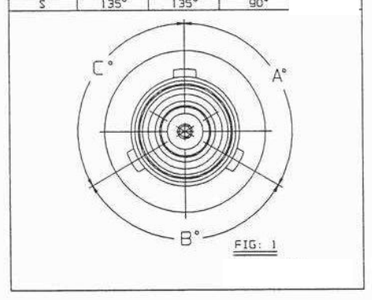
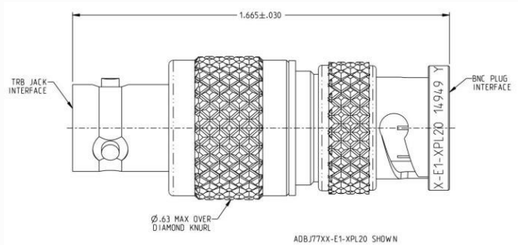
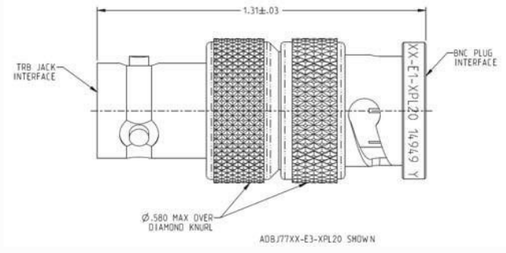


FIG: 1



ADBJ77XX-E1-XPL20 SHOWN



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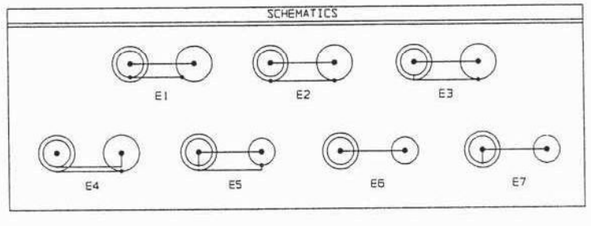


8 POLARIZATION OPTIONAL ONLY ON BJ77 AND BJ77RG, SEE TABLE 2

7 ADD .020 TO "A" DIM FOR ADAPTERS WITH "G" PREFIX

6. NOTE REMOVED.

5. EXAMPLE OF COMPLETE MODEL NO:

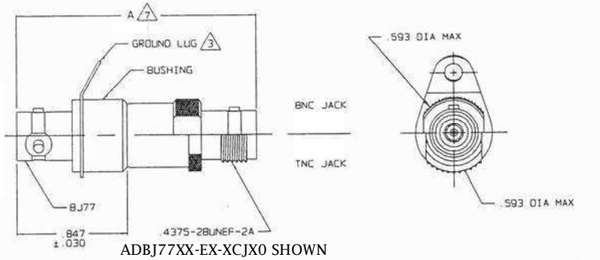
AD - BJ77 RG X - E1 - U CJ20
- ADAPTER
- (P1) CONN TYPE
- RG = REVERSE GENDER; OMIT FOR NORMAL GENDER
- POLARIZATION LETTER CODE IF REQ'D SEE TABLE 2 8
- SCHEMATIC
- U = 75 OHM; OMIT FOR 50 OHM
- (P2) CONN TYPE, (U INDICATES 75 OHM)

4. BETWEEN SERIES ADAPTERS: 2-LUG, 3-LUG, 4-LUG AND THREADED CONCENTRIC TWINAX/TRIAX BNC TYPE TO COAXIAL 50 & 75 OHM BNC/TNC & PUSH-ON PLUG/JACK

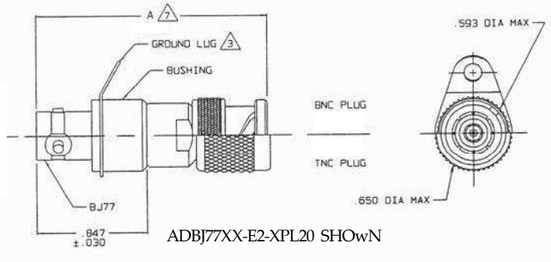
3 FOR OPTIONAL GROUND LUG ADD PREFIX "G" TO DASH NO

2. NICKEL

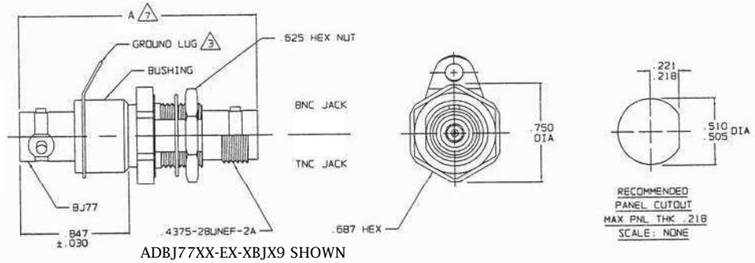
1. ALL DIM ARE IN INCHES



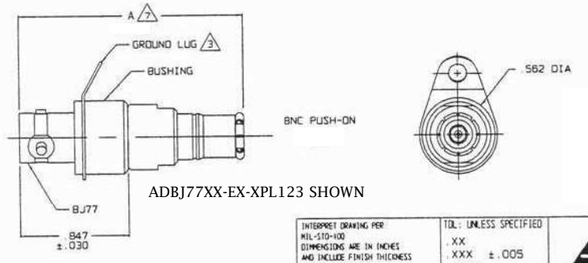
ADBJ77XX-EX-XCJX0 SHOWN



ADBJ77XX-E2-XPL20 SHOwN



ADBJ77XX-EX-XBJX9 SHOWN



ADBJ77XX-EX-XPL123 SHOWN

INTERPRET DRAWING PER MIL-STD-100
DIMENSIONS ARE IN INCHES AND INCLUDE FINISH THICKNESS UNLESS OTHERWISE SPECIFIED

TOL: UNLESS SPECIFIED .XX .XXX ±.005 .XXXX ANGLES

	DATE
DRAWN AAH	7-22-03
CHECKED DD	7-22-03
QUALITY	7/23/03
MANGR	7/23/03
APPROVED	7/23/03
CAD FILE NO 22-01K	

MATERIAL:

FINISH:

NEXT ASSY

DO NOT SCALE DWG

TROMPETER ELECTRONICS, INC.

TITLE: ADAPTER: BJ77, BJ77RG/8 BJ77TL, BJ77FL, BJ377 TO BNC/TNC SERIES

SIZE	CAGE CODE	DRAWING NO.	REV.
B	14949	22-01	L

SCALE NONE DATE: 5/5/2025 SHEET 1

Please read our datasheet & drawing disclaimer here.