

APPROVED SOURCE(S) OF SUPPLY	
SUPPLIER	PART NUMBER
1. CENTURION	CAF28776
2.	
3.	
4.	

REVISION	
5	4
3	2
1	SHEET

REV		DESCRIPTION	DATE	DRAWN & APPROVED
C	-001	RELEASED AT REV C		
D	-002	PER ECN 023493	12-15-94	GRAVEN RCH
E	-003	PER ECN 024930	12-21-94	JFOTI RCH
F	-003	PER ECN 025344	8-28-96	GOPSTAD RCH

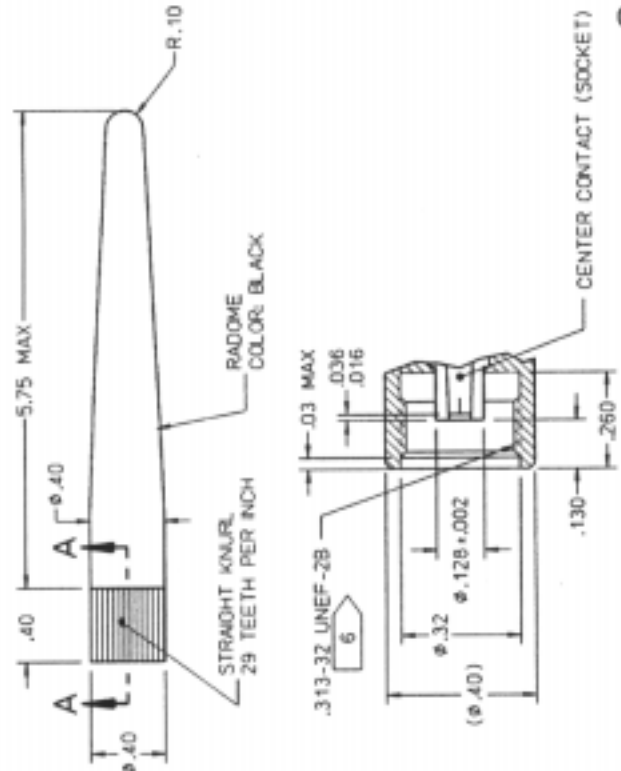
NOTES: UNLESS OTHERWISE SPECIFIED

- BAG PART AND MARK BAG WITH 060750 AND DASH NUMBER TO WHICH MANUFACTURED PER SPECIFICATION 606427.
- SPECIFICATIONS:
FREQUENCY RANGE: 2.4-2.4835 GHZ
GAIN: 1.0 DB PEAK MINIMUM
IMPEDANCE: 50 OHMS
VSWR MAX: 1.5:1 ACROSS 2.4-2.4835 GHZ.
POWER RATING: 1 WATT.
OPERATING TEMPERATURE: -40° TO +65° C @95% RH
- CONNECTOR REQUIREMENTS:
MATERIAL: CONNECTOR BODY: BRASS ALLOY 360, PER QQ-B-626.
CENTER CONTACT: BERYLLIUM COPPER PER ASTM-B196.
INSULATOR: PTFE FLUOROCARBON PER ASTM-D1710, TYPE 1, GRADE 1.

FINISH: CENTER CONTACT: GOLD PER MIL-G-45204, TYPE 1, GRADE C, OVER GOLD PER MIL-G-45204, TYPE 1, GRADE A OVER NICKEL PER QQ-N-290, GRADE C (.001)

CONNECTOR BODY: BLACK CHROME PER MIL-C-14538C (.00001) WITH NICKEL UNDERPLATE PER QQ-N-290A, GRADE 0 (.0001-.0002)
- MECHANICAL REQUIREMENTS:
90° FLEXURE PERFORMANCE: 500 CYCLES.
PULL TEST: 30 LB LINEAR PULL.
TORQUE TEST: 15 IN-LB.
- PLUG MATES WITH INTERMEC DRAWING NUMBER 582223, ITT SEAELECTRO PART NUMBER 050-827-0019-910.
- CONNECTOR PLUG WITH STANDARD 75 OHM SCREW ON INTERFACE AND 50 OHM LINE IMPEDANCE.
- CHANGES REQUIRE SAC APPROVAL.

SOURCE CONTROL DRAWING



SECTION A-A
SCALE 4/1

CAD: DBREF - /caddbref/ecn/060750.1/ SYSTEM - HP-4E 3D

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES.

NOTICE
THIS DRAWING SHALL NOT BE DUPLICATED OR USED FOR ANY PURPOSE OTHER THAN THAT FOR WHICH PROVIDED. THE INFORMATION DISCLOSED HEREIN IS UNCLASSIFIED AND IS THE PROPERTY OF INTERMEC CORPORATION AND EXCEPT FOR RIGHTS EXPRESSLY GRANTED BY WRITTEN CONSENT, SUCH INFORMATION SHALL NOT BE DISCLOSED OR DISSEMINATED WHOLE OR IN PART. INTERMEC CORPORATION RESERVES ALL PATENT, PROPRIETARY, DESIGN, USE, SALE, MANUFACTURING AND REPRODUCTION RIGHTS THEREIN.

APPROVALS		DATE	Intermec		6001 36TH AVENUE WEST EVERETT, WA 98203-9280
DRAWN	G. GRAVEN	4-9-94	TITLE	ANTENNA, SMC, 2.4 GHZ	
CHECKED	R. HADLAND	8-2-94	DIPLOME		
REVIEW	ENG. M. SHAVER	8-5-94	SIZE	CODE	DRAWING NUMBER
QA	K. CANTRELL	8-11-94	C	33825	060750
INFO	ENG. M. SALATNO	8-4-94	SCALE	NONE	SHEET 1 OF 1
SAC	P. HELLTON	8-3-94			

JG2010