

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)

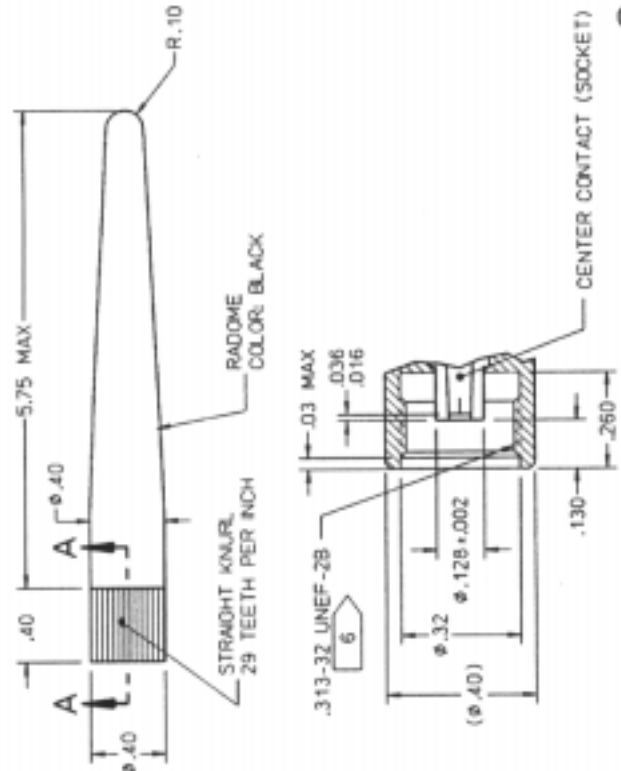
CONNECTOR BODY: BLACK CHROME PER MIL-C-14538C (.00001) WITH NICKEL UNDERPLATE PER QQ-N-290A, GRADE 0 (.0001-.0002)

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.

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

JG2010