



DRAWING REVISIONS			
REV	DOCUMENT	APP	DATE
2	PRELIM.		

NOTES:
1. SPECIFICATIONS:
MATERIALS:

BODY, FERRULE AND SHELL: BRASS
 PLATING: GOLD 3 MICRO INCHES MIN.
 CENTER CONTACT: BRASS
 PLATING: GOLD 50 MICRO INCHES MIN.
 INSULATOR: TEFLON
 GASKET: SILICONE-RED
 WASHER: SST

ELECTRICAL
 IMPEDANCE: 50 Ohms
 FREQUENCY RANGE: 0 TO 18 GHz
 WORKING VOLTAGE: <= 500V rms
 INSULATION RESISTANCE: >= 5000 MOhms
 CONTACT RESISTANCE:
 CENTER CONTACT: 3 MILLI Ohms MAX.
 OUTER CONTACT: 2 MILLI Ohms MAX.

MECHANICAL:
 DURABILITY: 500 MATING CYCLES.
 OPERATING TEMPERATURE: -65°C TO 125°C.
 CONNECTOR INTERFACE PER MIL-STD-348A
 2. ALL DIMENSIONS ARE IN MM AND DIMENSIONS IN () ARE IN INCHES.

CINCH PART NO.	CINCH CATALOG NO.
299 98 05 012	SMA50-4101

UNITS	METRIC	AUTOCAD		Cinch		1700 FINLEY RD LOWBARD, IL 60446
DO NOT SCALE DRAWING UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS		DRAWN BY A.BALU	DATE 05/12/03	TITLE SMA PLUG/STRA CABLE(RG-174U) 50 Ohms		CONTROL SPEC NUMBER
Fillet/NOT TO SCALE TOLERANCES 0.50 MM UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS UNLESS OTHERWISE SPECIFIED SHALL BE TO HOLD AND FINISH		DESIGN ENGINEER A.BALU	05/12/03	SEE NOTE		PROJECT NUMBER C14526
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QUALITY ASSURANCE		CAGE IDENT NO. 71785	SCALE NTS	SHEET 1 OF 1		DRAWING NUMBER SMA50-4101