



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.

DRAWING REVISIONS			
REV	DOCUMENT	APP	DATE
2	PRELIM.		

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

UNITS	METRIC	AUTOCAD	Cinch	1700 FINLEY RD LOWBARD, IL 60146
DO NOT SCALE DRAWING	UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN MILLIMETERS	DRAWN BY: A.BALU DESIGN ENGINEER: A.BALU DESIGN ENGINEERING MOR. MFG. ENGINEERING QUALITY ASSURANCE	TITLE: SMA PLUG/STRAP CABLE(RG-174U) 50 Ohms. MATERIAL: SEE NOTE FINISH: SEE NOTE CAGE IDENT NO.: 71785 SIZE: B	CONTROL SPEC NUMBER: C14526 PROJECT NUMBER: C14526 DRAWING NUMBER: SMA50-4101 SHEET 1 OF 1