



DRAWING REVISIONS			
REV	DOCUMENT	APP	DATE
2	PRELIM.		

NOTES:
 1. SPECIFICATIONS:
 MATERIALS:
 BODY, CHASSIS & FERRULE: BRASS
 PLATING: NICKEL 100 MICRO INCHES MIN.
 CENTER CONTACT: BRASS
 PLATING: GOLD 3 MICRO INCHES MIN.
 INSULATOR: TEFLON

ELECTRICAL
 IMPEDANCE: 50 Ohms
 FREQUENCY RANGE: 0 TO 11 GHz
 INSERTION LOSS: 0.2dB MAX.@ 3 GHz
 WORKING VOLTAGE: <= 500 V rms @ SEA LEVEL
 INSULATION RESISTANCE: >= 5000 MOhms
 CONTACT RESISTANCE:
 CENTER CONTACT: 1.5 MILLI Ohms MAX.
 OUTER CONTACT: 1.0 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 07 004	TNC50-4301

UNITS	METRIC	AUTOCAD	Cinch		1700 FINLEY RD LOWBARO, IL 60148
DO NOT SCALE DRAWING	UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS	DRAWN BY: A.BALI DESIGN ENGINEER	DATE: 05/06/03 05/06/03	TITLE: TNC SOCKET/JACK/STRA CABLE(RG-174U) MOUNT, 50 Ohms	FORMING SPEC NUMBER
TEL/DRAWN 0.50 MM UNLESS NOTED OTHERWISE	TOLERANCES AS SHOWN UNLESS NOTED OTHERWISE	DESIGN ENGINEERING MOR.	MATERIAL SPEC NUMBER	FINISH: SEE NOTE	PROJECT NUMBER: C14526
THIS DOCUMENT IS THE PROPERTY OF CINCH. RETURN THIS DOCUMENT AND ANY OF THE INFORMATION CONTAINED IN IT MAY BE DUPLICATED OR REPRODUCED WITHOUT THE WRITTEN CONSENT OF CINCH.		MFG. ENGINEERING	CAD FILE NUMBER: TNC50-4301	DRAWING NUMBER: TNC50-4301	
		QUALITY ASSURANCE	CAGE IDENT NO.: 71785	SCALE: NTS	SHEET 1 OF 1