



DRAWING REVISIONS			
REV	DOCUMENT	APP	DATE
1	PRELIM.		

**NOTES:**  
 1. SPECIFICATIONS:  
 MATERIALS:  
 BODY: BRASS  
 PLATING: GOLD 3 MICRO INCHES MIN.  
 CENTER CONTACT: 3 $\mu$  Cu  
 PLATING: GOLD 50 MICRO INCHES MIN.  
 INSULATOR: TEFLON

**ELECTRICAL:**  
 IMPEDANCE: 50 Ohms  
 FREQUENCY RANGE: 0 TO 18 GHz  
 WORKING VOLTAGE: <math>\infty</math>  
 INSULATION RESISTANCE:  $\geq 5000$  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 165°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.
Z88 BS 05 001	SMARD-1301

UNITS <b>METRIC</b>		<b>AUTOCAD</b>	<b>Cinch</b> 1700 PINEY RD LAWRENCE, IL 60442
DO NOT SCALE DRAWING	DESIGN BY A.BALI	DATE 04/28/03	TITLE SMA RECEPTACLE/STRA BOARD MOUNT 50 Ohms
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS	DESIGN ENGINEER'S SIGN		MATERIAL SEE TABLE
PLATING AND FINISH SPECIFICATIONS SHALL BE AS SPECIFIED IN MIL-STD-348A	MFG. ENGINEERING		MATERIAL SPEC NUMBER FINISH PART NUMBER C14528
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS DIMENSIONS IN INCHES ARE PRESENTED WHICH CANNOT BE CHANGED	QUALITY ASSURANCE		DRAWING NUMBER SMARD-1301
			SCALE: 4:1 SHEET OF 1