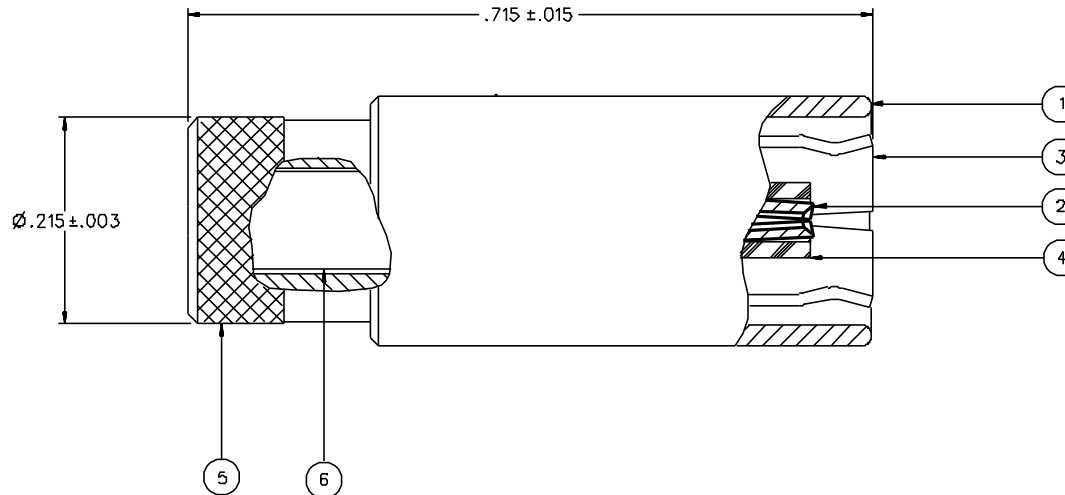


PART NUMBER	ITEM ① FRONT BODY	ITEM ② CONTACT	ITEM ③ INTERFACE	ITEM ④ INSULATOR	ITEM ⑤ REAR BODY	ITEM ⑥ RESISTOR
131-3801-811	BRASS GOLD PL .00001 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	BERYLLIUM COPPER GOLD PL .00003 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	BERYLLIUM COPPER GOLD PL .00003 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	TEFLON	BRASS GOLD PL .00001 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	50 OHM ± 1%
131-3801-816	BRASS NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN	BERYLLIUM COPPER GOLD PL .00003 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	BERYLLIUM COPPER GOLD PL .0001 MIN OVER COPPER PL .00005 MIN	TEFLON	BRASS NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN	50 OHM ± 1%



1. SPECIFICATIONS:

RESISTANCE: 50+-5% OHMS
FREQUENCY RANGE: 0-4 GHZ
VSWR: NOT APPLICABLE
MAXIMUM POWER: 0.5 WATT TO 25° C. DERATED TO 0.25 WATT AT + 125° C
CONTACT RESISTANCE:
CENTER CONTACT - INITIAL 6 MILLIOHM MAX. AFTER
ENVIRONMENTAL 8 MILLIOHM MAX
OUTER CONDUCTOR - GOLD PLATED INITIAL 1 MILLIOHM MAX.
AFTER ENVIRONMENTAL 1.5 MILLIOHM MAX
NICKEL PLATED INITIAL 2.5 MILLIOHM MAX
AFTER ENVIRONMENTAL 3.5 MILLIOHM MAX

MECHANICAL:

ENGAGE/DISENGAGE FORCE: INITIAL 14 LBS MAX, AFTER DURABILITY 14 LBS MAX
 ENGAGEMENT/ 2 LBS MIN DISENGAGEMENT
 CONTACT RETENTION: 4 LBS MIN AXIAL FORCE
 DURABILITY: 500 CYCLES MIN

ENVIRONMENTAL:

OPERATING TEMPERATURE: -65° C TO 125° C

TOLERANCE UNLESS OTHERWISE SPECIFIED		DRAWN BY TAK		DATE 9-15-95		 EMERSON Network Power 289 Johnson Ave. P.O. Box 1732 Waseca, MN 56093-0832	
DECIMALS _XX_	mm _mm_	CHECKED BY	DATE	TITLE PLUG RESISTOR, 50 OHMS SMB			
XXX_	_____	APPROVED BY TAK	DATE 11-17-95				
MATL _____	_____	APPROVED BY RJB	DATE 11-20-95				
FINISH _____		RELEASE DATE 11-28-95		CODE NO.	DRAWING NO. C - 131-3801-811/820		
				SCALE 10:1	U/M INCH	SHEET 2 OF 2	