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REV.	DESCRIPTION OF CHANGE	DATE	DRN	APPR
C	ECN 2179	1/25/99	EJW	<i>[Signature]</i>
B	ECN 2176	1/21/99	EJW	BBB
A	ECN 2134	11/12/98	KJT	JMC
-	RELEASED PER NPR 1127	11/11/98	KJT	JMC
1	NPR 961	7/23/98	KJT	PRP

UNLESS OTHERWISE SPECIFIED
ALL DIMENSIONS ARE NOMINAL AND
FOR REFERENCE ONLY.
DIMENSIONS IN INCHES
DO NOT SCALE PRINT

MATERIAL	
FINISH	

SALES DRAWING				
RETCONN				
A SUBSIDIARY OF SPM 199 W. PEARL ROAD TORRINGTON, CT. 06790 TEL. (860) 489-1220 FAX (860) 496-7307				
TITLE		MCX SURFACE MOUNT JACK WITH RAILS		
DRAWN KJT	DATE 7/23/98	CHECKED JMC	SCALE 8:1	FSCM ODWJ
APPR. PRP	DWG. NO. 451-061-0042H P1/2			REV. C

NOTES:

1. MATERIALS:
 BODY: BRASS PER ASTM B16
 CONTACT: BERYLLIUM COPPER PER ASTM B196
 INSULATOR: TEFLON PER ASTM D1710
2. FINISH:
 BODY: .000015 MIN. GOLD PER MIL-G-45204 OVER .000050 MIN. NICKEL PER QQ-N-290
 CONTACT: .000030 MIN. GOLD PER MIL-G-45204 OVER .000050 MIN. NICKEL PER QQ-N-290
3. MATING CHARACTERISTICS:
 ENGAGEMENT: 3.4 LBS. MAX.
 DISENGAGEMENT: 4.5 LBS. MAX.
 DURABILITY: 500 CYCLES
 CONFORMS TO CECC 22 220 STANDARDS
4. ELECTRICAL:
 IMPEDANCE: 50 OHMS
 FREQ. RANGE: 0-6 GHz.
 VOLTAGE RATING: 335 VRMS
 INSULATION RESISTANCE: 5000 MEGOHMS MIN.
 TEMPERATURE RATING: -85°F TO +257°F (-65°C TO +125°C)
 DWV: 1000 VRMS
 RF HIGH POTENTIAL: 600 VRMS MIN. AT 5 MHz
 CONTACT RESISTANCE: CENTER CONTACT 5.0 MILLIOHMS, OUTER CONTACT 1.0 MILLIOHMS
 VSWR: <1.2 @ 1-2 GHz., 1.30 MAX. AT 4 GHz., 1.40 MAX. AT 6 GHz.
 INSERTION LOSS: 0.1 dB MAX. AT 1 GHz.
5. ENVIRONMENTAL:
 VIBRATION, HIGH FREQUENCY: MIL-STD-202, METHOD 204, CONDITION B
 SHOCK: MIL-STD-202, METHOD 213, CONDITION A
 THERMAL SHOCK: MIL-STD-202, METHOD 107, TEST CONDITION B AT +.185°F (+85°C)
 CORROSION: MIL-STD-202, METHOD 101, TEST CONDITION B
6. THIS CONNECTOR MEETS ALL ELECTRICAL AND MECHANICAL REQUIREMENTS ON SPECTIAN DRAWING 461B51.

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SALES DRAWING



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TITLE		MCX SURFACE MOUNT JACK WITH RAILS			
DRAWN	DATE	CHECKED	SCALE	FSCM ODWJ4	
KJT	7/23/98	JMC	8:1		
APPR.	DWG. NO.	REV.			
PRP	451-061-0042H P2/2	C			

REV.	DESCRIPTION OF CHANGE	DATE	DRN	APPR	MATERIAL
	SEE PAGE 1				
REVISIONS					FINISH