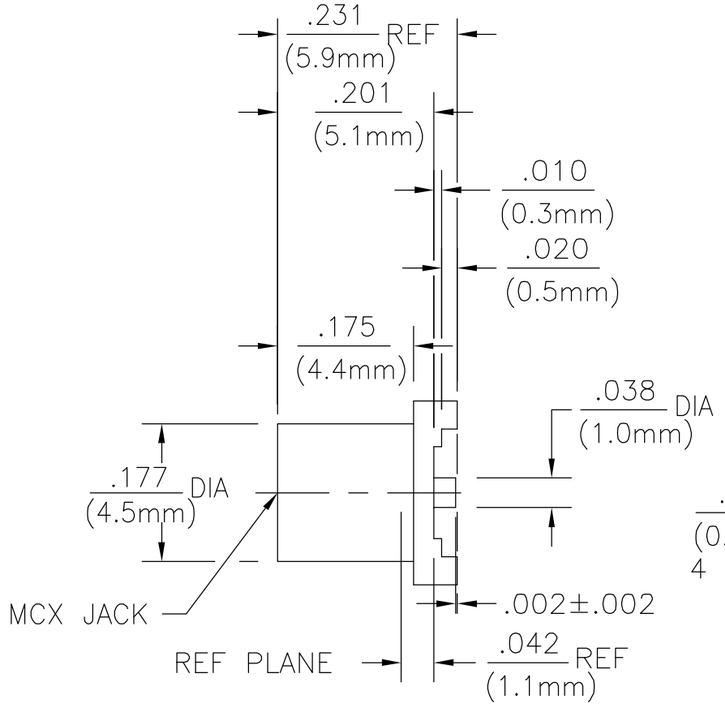
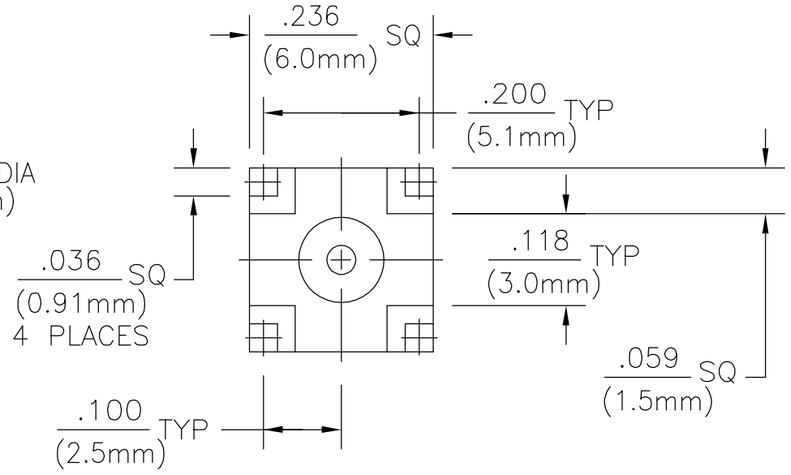
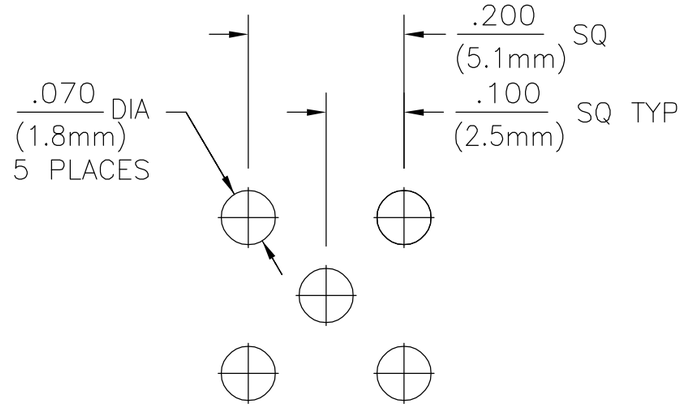
LOC	DIST
AJ	00

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	A	REV PER ECO 06–016771	1/18/2007	DW	KW







RECOMMENDED MOUNTING DETAIL

ELECTRICAL	
Nominal Impedance (Ohms)	50
Frequency Range (GHz)	DC to 6.0
Volt Rating (VRMS MAX)	
@ Sea Level	500
VSWR	N/A
Insertion Loss (dB MAX)	N/A
RF Leakage (dB MIN) (Interface Only	
Fully Mated)	N/A
Corona 70.000 FI (VRMS MIN)	250
Dielectric Withstanding Voltage	
(VRMS MIN) @ Sea Level	1000
Contact Resistance (MilliOhms MAX)	
Center Contact	5.0
Outer Contact	1.0
Cable to Housing	0.5
RF High Potential @ Sea Level	
(VRMS MIN @ 5 MHz)	670
I.R. (MegaOhmz MIN)	10,000

MECHANICAL	
Interface Dimensions	MIL–STD–348
Mating Characteristics:	
Insertion (MAX Lbs)	3.4
Withdrawal (MIN Oz)	1.77MIN–4.50 MAX
Center Contact Captivation:	
Axial (Lbs)	1.5LBS @ 1 MIN.
WITH	.006" DISPLACEMENT
Cable Retention:	
Axial Force (Lbs)	N/A
Torque (In/Oz)	N/A
Weight (Grams)	N/A

ENVIRONMENTAL	
Temperature Rating	–65°C to +165°C
Vibration	MIL–STD–202, Method 204,
	Condition B
Shock	MIL–STD–202, Method 107,
	Condition B
Thermal Shock	MIL–STD–202, Method 107,
	Condition B
Except High Temperature	N/A
Moisture Resistance	MIL–STD–202,
	Method 106
Corrosion	MIL–STD–202, Method 101,
	Condition B @48 HOURS

COMPONENT	MATERIAL	FINISH
HOUSING	BRASS PER ASTM–B–16 HALF HARD	TIN PLATE PER ASTM–B–545
DIELECTRIC	PTFE FLUOROCARBON PER ASTM–D–1457	–
CENTER CONTACT	BE–CU PER ASTM–B–196, ALLOY C17300, CONDITION H	GOLD PLATE PER MIL–G–45204

6061002–1
PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: INCHES [mm]

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC	± –
1 PLC	± –
2 PLC	± –
3 PLC	± .005
4 PLC	± –
ANGLES	± 1°

MATERIAL: SEE TABLE

FINISH: SEE TABLE

DWN	L. VARELA – DOCK5	01FEB2005
CHK	J. HAVENER	01FEB2005
APVD	K. WEIDNER	01FEB2005
PRODUCT SPEC	—	
APPLICATION SPEC	—	
WEIGHT	—	

tyco Electronics

Tyco Electronics Corporation
Harrisburg, PA 17105–3608

NAME
MCX PRINTED WIRING BOARD
JACK RECEPTACLE STRAIGHT TERMINAL

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A3	00779	C–6061002	—

CUSTOMER DRAWING

SCALE	SHEET	REV
5:1	1 OF 1	A

AMP 1470–19 REV 31MAR2000