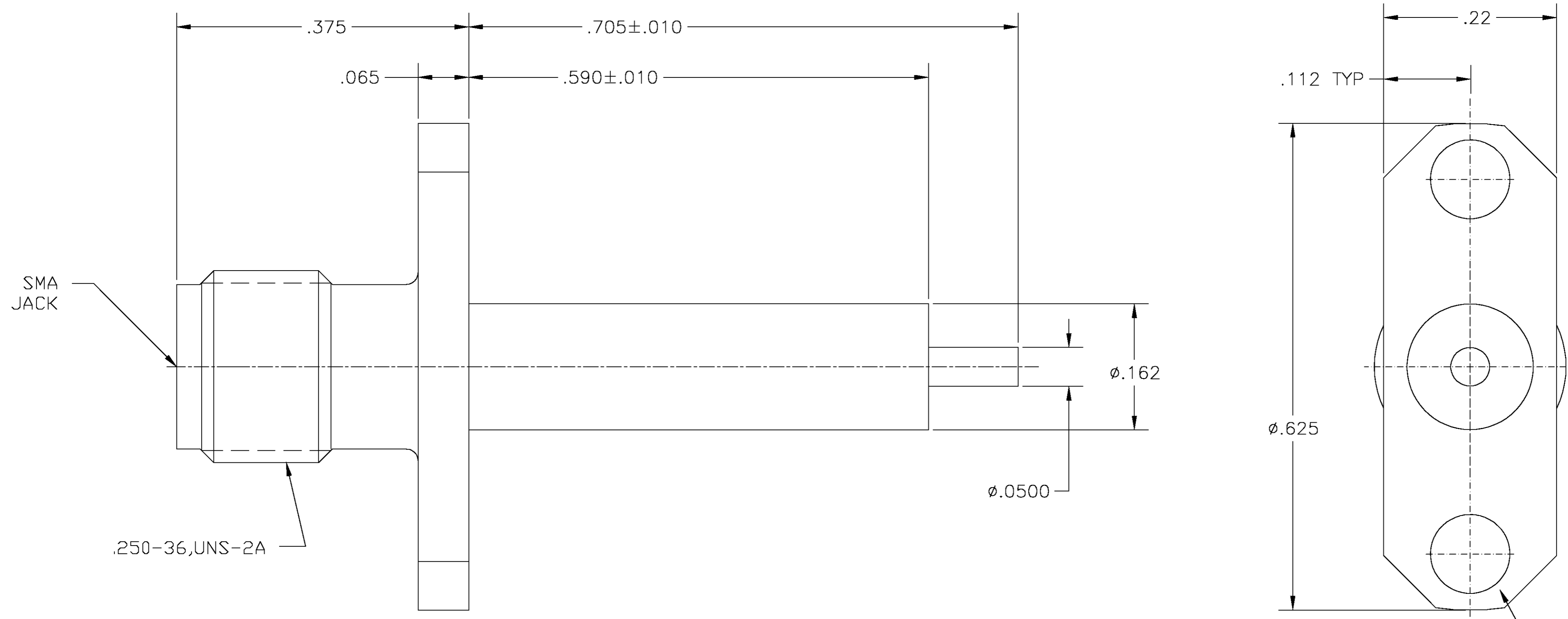


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LOC	DIST	REVISIONS			
P	LTR	DESCRIPTION	DATE	DWN	APVD
HC	00	B	PER EC 0S14-0314-03	7/17/03	- DCom



ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ω hms) 50	Interface Dimensions MIL-STD-348	Temperature Rating -65°C To $+125^{\circ}\text{C}$
Frequency Range (GHz) DC - 18	FIG 310.2	Vibration - MIL-STD-202, Method 204, Condition D
Volt Rating (VRMS MAX) 335	Recommended Mating Torque 7-10 InLbs	Shock - MIL-STD-202, Method 213, Condition I
VSWR $1.05+0.005 F(\text{GHz})$	Mating Characteristics:	Thermal shock MIL-STD-202, Method 107, Condition B
Insertion Loss (dB MAX) $.03\sqrt{F(\text{GHz})}$	Insertion (MAX Lbs) 3.0	Moisture Resistance - MIL-STD-202, Method 106, Except Vibration
RF Leakage (dB MIN) $-[90 - F(\text{GHz})]$	Withdrawal (MIN Oz) 1.0	Shall Be Omitted
Corona, 70,000 Ft (VRMS MIN) 250	Force To Engage (In/Lbs MAX) 2.0	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
Dielectric Withstanding Voltage (VRMS MIN) 1000 @ sea level	Force To Disengage (In/Lbs MAX) 2.0	
Contact Resistance (Milliohms MAX)	Center Contact Captivation	
Center Contact 3.0	Axial 6.0 Lbs	
Outer Contact 2.0	Radial 4 IN-OZ	
RF High Potential (VRMS MIN @ 5 MHz) 670 @ sea level	Weight (Grams) T.B.D.	
I.R.(Megohms) 10000		

HOUSING	STAINLESS STEEL	PASSIVATE
CONTACT	BERYLLIUM COPPER	GOLD
DIELECTRIC	PTFE	N/A
COMPONENT	MATERIAL	FINISH

1408493-1
PART NO

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN	DCom	11Apr03
CHK	-	-
APVD	DCom	4/11/03
PRODUCT SPEC	-	-
APPLICATION SPEC	-	-
WEIGHT	-	-
CUSTOMER DRAWING	SCALE 10:1	SHEET 1 OF 1

tyco Electronics Tyco Electronics Corporation
Norwood, MA 02062

NAME SMA 2 HOLE FLANGE MOUNT JACK RECEPTACLE STRAIGHT TERMINAL

SIZE A2 CAGE CODE 00779 DRAWING NO C=1408493 RESTRICTED TO -