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LOC	DIST	REVISIONS					
DF	X0	P	LTR	DESCRIPTION	DATE	DWN	APVD
		A		REV PER 0G3D-0204-03	1-04	CT	FB

RECOMMENDED MOUNTING HOLE

COMPONENT	MATERIAL	FINISH
HOUSING	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	GOLD PLATE PER ASTM-B-488
BUSHING WASHER	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	PASSIVATE PER QQ-P-35
DIELECTRIC	TFE FLUOROCARBON PER ASTM-D-1457	N/A
CENTER CONTACT CONTACT SLEEVE	BERYLLIUM COPPER PER ASTM-B-196 OR ASTM-B-197, ALLOY C17300, CONDITION H	GOLD PLATE PER ASTM-B-488
RETAINING CLIP	BERYLLIUM COPPER PER ASTM-B-196 OR ASTM-B-197, ALLOY C17300, CONDITION H	NICKEL PLATE PER QQ-N-290
RETAINING RING	STAINLESS STEEL	PASSIVATED
CONTACT RING	BERYLLIUM COPPER PER ASTM-B-194	GOLD PLATE PER ASTM-B-488
SPRING	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	PASSIVATE PER QQ-P-35

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
NOMINAL IMPEDANCE (OHMS) <u>50</u>	Interface Dimensions <u>SEE TYCO ELECTRONICS CATALOG</u>	TEMP. RATING <u>-65° TO +105°C</u>
Frequency Range (GHz) <u>DC to 18</u>	Mating Characteristics:	Vibration MIL-STD-202, Method 204, Condition D
Volt Rating (VRMS MAX) @ Sea Level <u>250</u>	Insertion (MAX Lbs) <u>3.0</u>	Shock MIL-STD-202, Method 213, Condition I
VSWR <u>1.05+0.01f(GHz)</u>	Withdrawal (MIN Oz) <u>0.5</u>	Thermal Shock MIL-STD-202, Method 107, Condition B
Insertion Loss (dB MAX) <u>.04x√f(GHz)</u>	Force to Engage (In-Lbs MAX) <u>3.0</u>	Moisture Resistance MIL-STD-202, Method 106
RF Leakage (dB MIN) (Interface Only, Fully Mated) <u>-(90-f(GHz))</u>	& Disengage (In-Lbs MAX) <u>2.0</u>	Corrosion - MIL-STD-202, Method 101, Cond B
Corona, 70,000 Ft (VRMS MIN) <u>190</u>	Center Contact Captivation	
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level <u>675</u>	Axial (Lbs) <u>4.0</u>	
Contact Resistance (Milliohms MAX)	Cable Retention	
Center Contact <u>6.0</u>	Axial Force (Lbs MIN) <u>30</u>	
Outer Contact <u>3.0</u>	Torque (In-Oz MIN) <u>16</u>	
Cable to Housing <u>0.5</u>	MISALIGNMENT:	
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) <u>500</u>	Axial <u>.060 in MIN</u>	
I.R.(Megohms MIN) <u>5,000</u>	RADIAL <u>.020 in MIN</u>	

DESIGNED FOR USE WITH  
 .085 S/R CABLE  
 CABLE ENTRY DIAMETER  
 MINIMUM

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN	C.C.THOMAS	1-6-04
CHK	F.BLASICK	1-6-04
APVD	F.BLASICK	1-6-04

PRODUCT SPEC  
 APPLICATION SPEC  
 408-4657  
 WEIGHT -  
 CUSTOMER DRAWING

**tyco** Tyco Electronics Corporation  
 Harrisburg, PA 17105

NAME  
 OSSP FLOATING PANEL FEEDTHRU  
 REAR MOUNT CABLE JACK, DIRECT  
 SOLDER ATTACHMENT

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A2	00779	C=1049081	-

SCALE 4:1 SHEET 1 OF 1 REV A

AMP 1471-9 REV 31MAR2000