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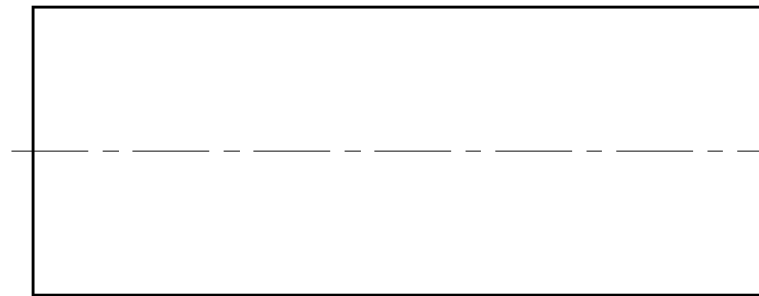
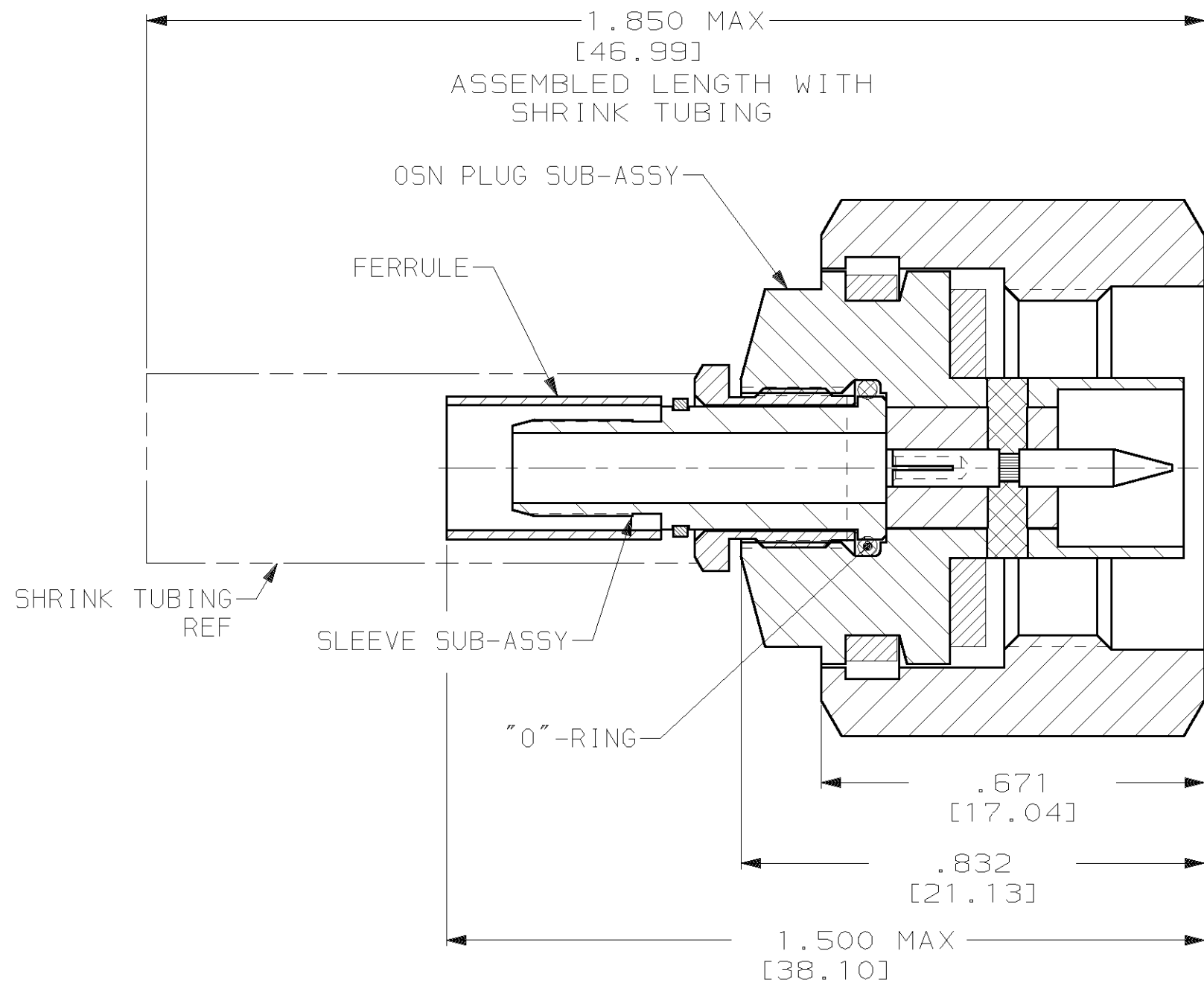
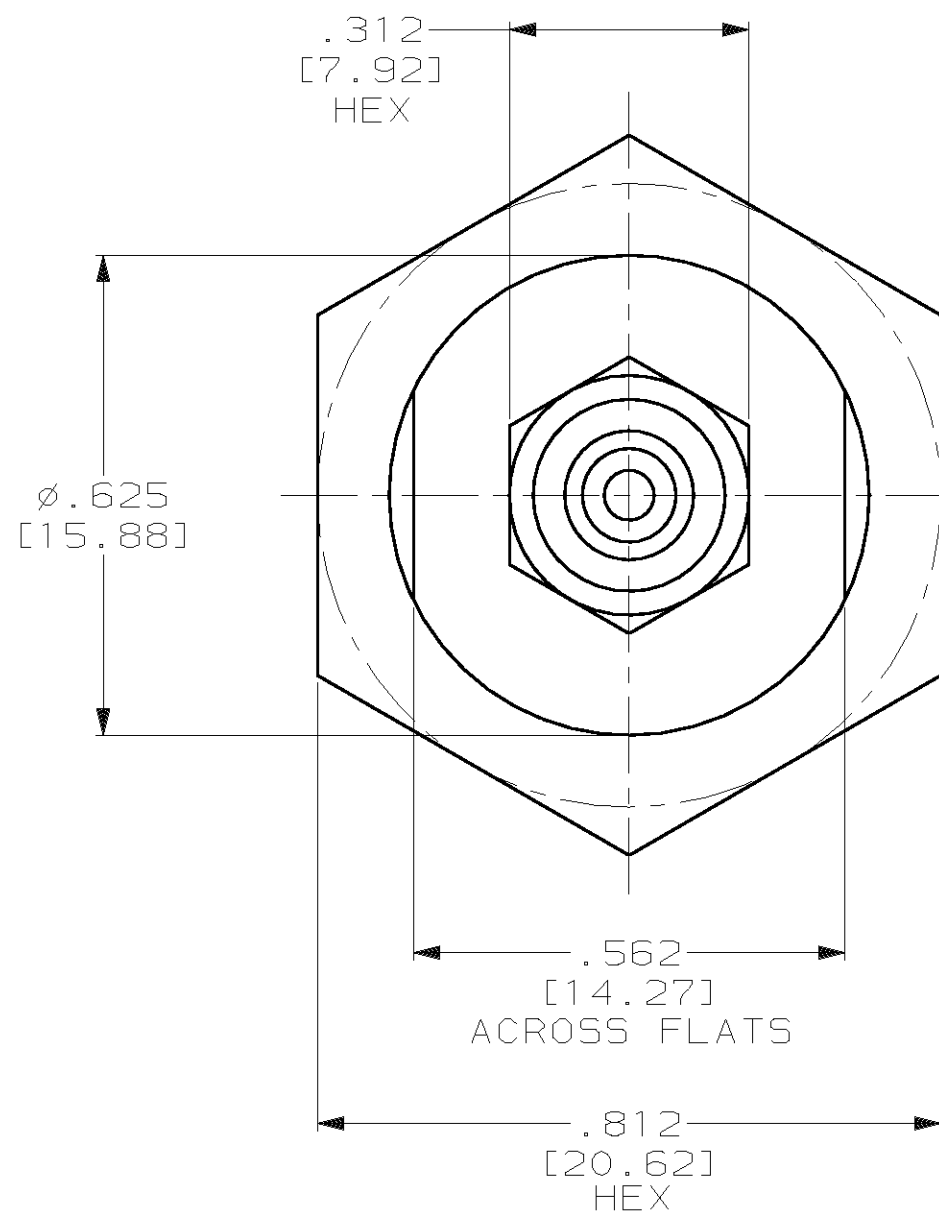
COMPONENT	MATERIAL	FINISH
HOUSING CLAMP NUT COUPLING NUT	STAINLESS STEEL PER ASTM-A-484 OR ASTM-A-582 TYPE 303	PASSIVATED PER QQ-P-35 -
- DIELECTRIC -	PTFE FLUORCARBON PER ASTM-D-1457 -	- - -
- CENTER CONTACT -	BERYLLIUM COPPER PER ASTM-B-196 OR ASTM-B-197 ALLOY C17300, CONDITION H	GOLD PLATED PER ASTM-B-488
- INNER SLEEVE -	BRASS PER ASTM-B-16 1/2 HARD -	GOLD PLATED PER ASTM-B-488
- RETAINING RING -	BERYLLIUM COPPER PER ASTM-B-196 OR ASTM-B-197 ALLOY C17300, CONDITION H	NICKEL PLATED PER QQ-N-290
"O"-RING GASKET	SILICONE RUBBER PER ZZ-R-765 -	- - -
- SHRINK TUBING -	HEAT SHRINKABLE POLYOLEFIN COMPOUND PER MIL-I-23053/4	- - -
- FERRULE -	COPPER OR BRASS ALLOY ROCKWELL F65 MAX -	GOLD PLATED PER ASTM-B-488

ENVIRONMENTAL
TEMPERATURE RATING: -65°C TO +125°C
VIBRATION: MIL-STD-202, METHOD 204, CONDITION B
SHOCK: MIL-STD-202, METHOD 213, CONDITION 1
MOISTURE RESISTANCE: MIL-STD-202, METHOD 106
CORROSION: MIL-STD-202, METHOD 101, CONDITION B. 5% SALT SPRAY
THERMAL SHOCK: MIL-STD-202, METHOD 107, CONDITION B EXCEPT HIGH TEMP 115°C

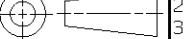
MECHANICAL	
INTERFACE DIMENSIONS:	MIL-STD-348A FIG. 304.2
RECOMMENDED MATING TORQUE:	N/A
FORCE TO ENGAGE & DISENGAGE (IN-LBS MAX:)	6.0
WEIGHT (GRAMS):	15
MATING CHARACTERISTICS:	INSERTION (MAX LBS): 2.0 WITHDRAWAL (MIN OZ): 2.0
CABLE RETENTION:	AXIAL FORCE (LBS): 45 MIN TORQUE (IN-OZ): N/A
CENTER CONTACT CAPTIVATION:	AXIAL (LBS): 6.0 RADIAL (IN-OZ): 4.0

ELECTRICAL	
NORMAL IMPEDANCE (OHMS):	50
FREQUENCY RANGE (GHz):	DC TO 18
VOLT RATING @ SEA LEVEL (VRMS MAX):	250
VSWR:	1.07+.007f (GHz)
INSERTION LOSS: (dB MAX):	.04 $\sqrt{f}$ (GHz)
RF LEAKAGE (dB MIN):	-[90-f (GHz)]
CORONA 70,000 FT (VRMS MIN):	190
DIELECTRIC WITHSTANDING VOLTAGE (VRMS MIN) AT SEA LEVEL:	750
I.R. (MEGOHMS MIN):	5000
RF HIGH POTENTIAL AT SEA LEVEL (VRMS MIN @ 5 MHz):	500
CONTACT RESISTANCE (MILLIOHMS MAX):	
	CENTER CONTACT: 1.5
	OUTER CONTACT: 2.0
	CONTACT TO HOUSING: 0.5

LOC	DIST	REVISIONS					
DF	XO	P	LTR	DESCRIPTION	DATE	DWN	APVD
			0	RELEASED	10-01	CT	RG

SHRINK
TUBING

DESIGNED TO USE WITH SF-142 CABLE	
CABLE ENTRY DIAMETER MIN	
FERRULE:	.216
SLEEVE:	.121
CONTACT:	.038

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN C.C. THOMAS 10-19-01		 TYCO Electronics Corporation Harrisburg, PA 17105-3608			
DIMENSIONS: INCHES [mm]		TOLERANCES UNLESS OTHERWISE SPECIFIED:		CHK R. GROSS 10-19-01		APVD R. GROSS 10-19-01	
		0 PLC ±- 1 PLC ±- 2 PLC ±- 3 PLC ±.005 [0.13] 4 PLC ±- ±- ANGLES		PRODUCT SPEC - USE ASSEMBLY PROCEDURE: A.P. 560		OSN PLUG TO SF-142 CABLE SOLDER ATTCHMENT	
MATERIAL SEE TABLE		FINISH SEE TABLE		WEIGHT SEE TABLE		SIZE A2	
				CAGE CODE 00779		DRAWING NO C- 1484438	
				CUSTOMER DRAWING		RESTRICTED TO -	
				SCALE 4:1		SHEET 1 of 1	
				REV 0			

1484438-1

PART NO.

tyco
Electronics

TYCO Electronics Corporation
Harrisburg, PA 17105-3608

AMP

OSN PLUG TO SF-142 CABLE SOLDER ATTCHMENT

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A2	00779	C- 1484438	—

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