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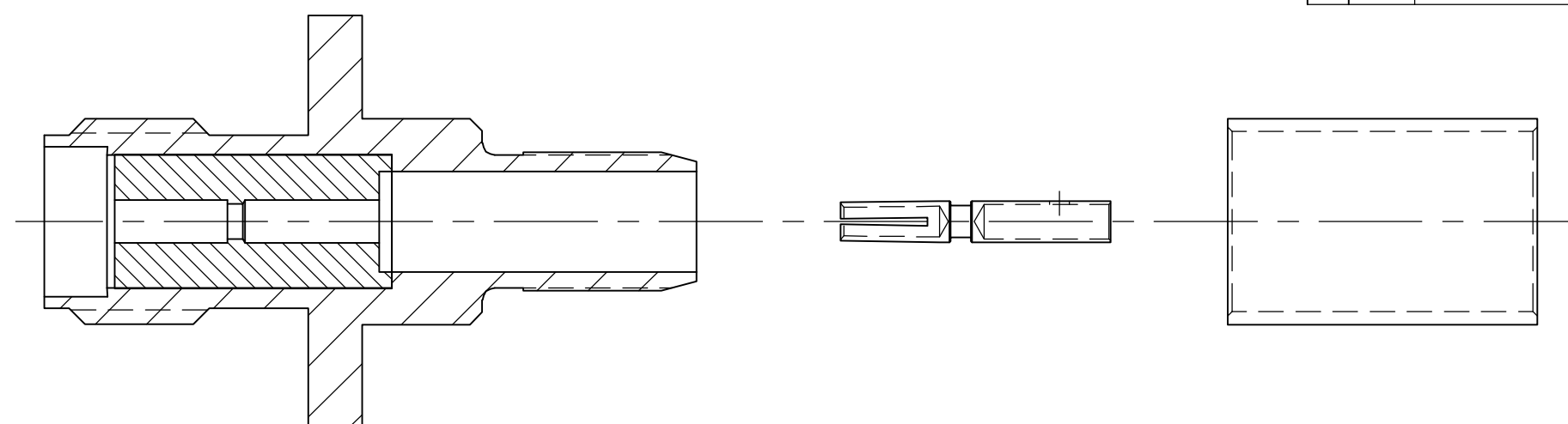
LOC	DIST	REVISIONS					
DF	XO	P	LTR	DESCRIPTION	DATE	DWN	APVD
			A	REV PER 0G3D-0032-03	11-03	JMK	JL

COMPONENT	MATERIAL	FINISH
HOUSING — —	STAINLESS STEEL PER ASTM-A-484 OR ASTM-A-582 TYPE 303	PASSIVATED PER ASTM-A-380 —
— DIELECTRIC —	PTFE FLUORCARBON PER ASTM-D-1457 —	— — —
— CENTER CONTACT —	BERYLLIUM COPPER PER ASTM-B-196 OR 197 ALLOY C17300, CONDITION H	GOLD PLATED PER ASTM-B-488 —
— — —	— — —	— — —
— — —	— — —	— — —
— FERRULE —	COPPER OR BRASS ALLOY, ROCKWELL F65 MAX	GOLD PLATED PER ASTM-B-488 —
— — —	— — —	— — —
— — —	— — —	— — —

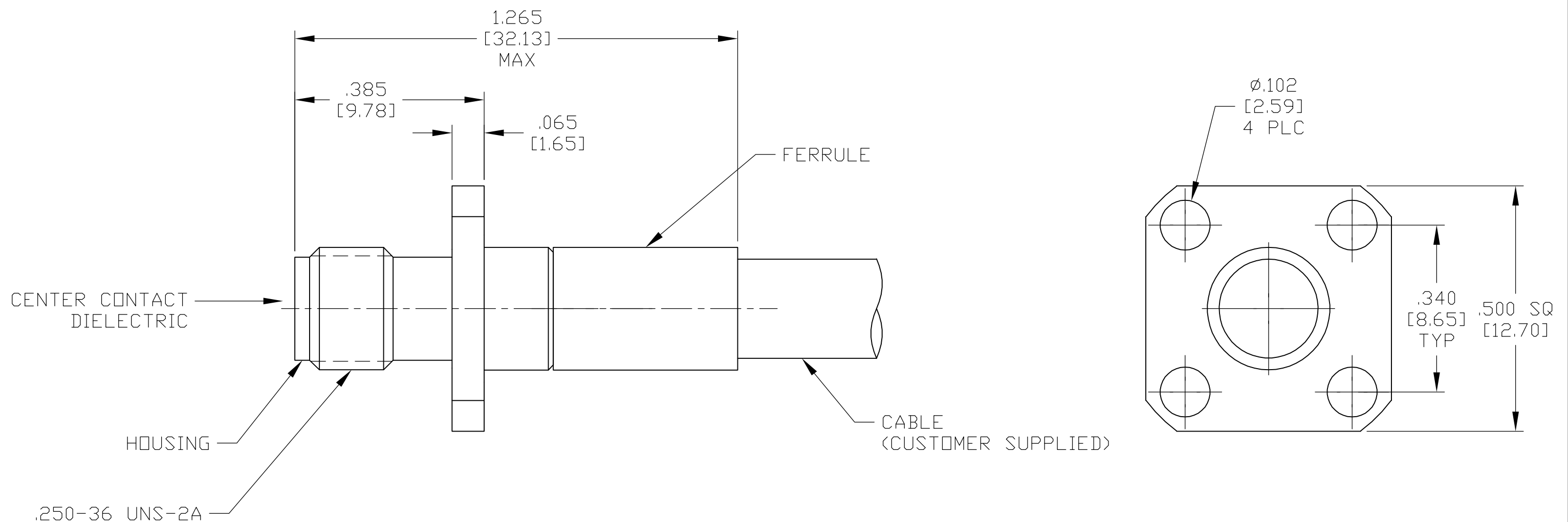
ENVIRONMENTAL
TEMPERATURE RATING: -65°C TO +165°C
VIBRATION: MIL-STD-202, METHOD 204, CONDITION D
SHOCK: MIL-STD-202, METHOD 213, CONDITION 1
MOISTURE RESISTANCE: MIL-STD-202, METHOD 106
CORROSION: MIL-STD-202, METHOD 101, CONDITION B. 5% SALT SPRAY
THERMAL SHOCK: MIL-STD-202, METHOD 107, CONDITION B EXCEPT HIGH TEMP 85°C

MECHANICAL					
INTERFACE DIMENSIONS: MIL-STD-348A FIG.	310.2				
RECOMMENDED MATING TORQUE: 7-10 IN-LBS					
FORCE TO ENGAGE & DISENGAGE (IN-LBS MAX:)	2.0				
WEIGHT (GRAMS):	TBD				
MATING CHARACTERISTICS:	<table border="0"> <tr> <td>INSERTION (MAX LBS)</td> <td>2</td> </tr> <tr> <td>WITHDRAWAL (MIN OZ):</td> <td>1</td> </tr> </table>	INSERTION (MAX LBS)	2	WITHDRAWAL (MIN OZ):	1
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WITHDRAWAL (MIN OZ):	1				
CABLE RETENTION:	<table border="0"> <tr> <td>AXIAL FORCE (LBS)</td> <td>45</td> </tr> <tr> <td>TORQUE (IN-OZ):</td> <td>N/A</td> </tr> </table>	AXIAL FORCE (LBS)	45	TORQUE (IN-OZ):	N/A
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TORQUE (IN-OZ):	N/A				
CENTER CONTACT CAPTIVATION:	<table border="0"> <tr> <td>AXIAL (LBS):</td> <td>6.0</td> </tr> <tr> <td>RADIAL (IN-OZ):</td> <td>N/A</td> </tr> </table>	AXIAL (LBS):	6.0	RADIAL (IN-OZ):	N/A
AXIAL (LBS):	6.0				
RADIAL (IN-OZ):	N/A				

ELECTRICAL	
NORMAL IMPEDANCE (OHMS):	50
FREQUENCY RANGE (GHz):	DC TO 12.4
VOLT RATING @ SEA LEVEL (VRMS MAX):	335
VSWR:	1.15+0.01f(GHz)
INSERTION LOSS: (dB MAX):	.06 $\sqrt{f(\text{GHz})}$
RF LEAKAGE (dB MIN):	-60 @ 2-3GHz
CORONA 70,000 FT (VRMS MIN):	250
DIELECTRIC WITHSTANDING VOLTAGE (VRMS MIN) AT SEA LEVEL:	1000
I.R. (MEGOHMS MIN):	5000
RF HIGH POTENTIAL AT SEA LEVEL (VRMS MIN @ 5 MHz):	670
CONTACT RESISTANCE (MILLIOHMS MAX):	
	CENTER CONTACT: 3.0
	OUTER CONTACT: 2.0
	CONTACT TO HOUSING: 0.5



AS SHIPPED TO CUSTOMER



ASSEMBLED VIEW

DESIGNED TO USE RG-142/U OR EQUIVALENT	
CABLE ENTRY DIAMETER MIN	
HOUSING:	.121 [3.07]
CONTACT:	.040 [1.02]
DIELECTRIC:	N/A
—	—
FERRULE:	.216 [5.49]

THIS DRAWING IS A CONTROLLED DOCUMENT.		
DIMENSIONS: INCHES [mm]		TOLERANCES UNLESS OTHERWISE SPECIFIED:
		0 PLC ± -
		1 PLC ± -
		2 PLC ± -
		3 PLC ± .005 [0.13]
		4 PLC ± -
MATERIAL		ANGLES FINISH
SEE TABLE		SEE TABLE

OWN J. KAISER		9/17/02		 Tyco Electronics Corporation Harrisburg, PA 17105	
CHK J. LIPPERT		10-18-02			
APVD J. LIPPERT		10-18-02		NAME SMA STRAIGHT FLANGE MOUNT CABLE JACK--CRIMP ATTACHMENT (M39012/58B3022) CAT B —	
PRODUCT SPEC —					
APPLICATION SPEC 408-8747					
WEIGHT TBD					
		SIZE A2	CAGE CODE 00779	DRAWING NO C-1052045	RESTRICTED TO —
CUSTOMER DRAWING				SCALE 5:1	SHEET 1 OF 1 REV A