

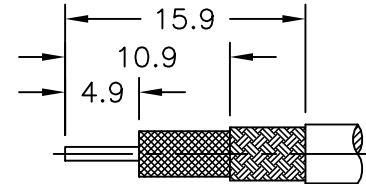
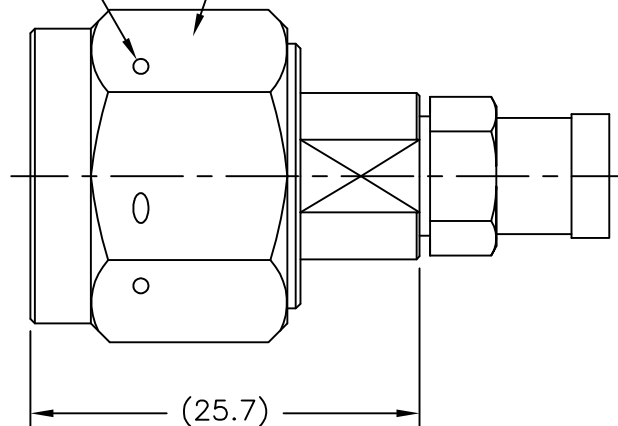
NOTICE OF PROPRIETARY RIGHTS THIS DOCUMENT CONTAINS CONFIDENTIAL TECHNICAL DATA, INCLUDING TRADE SECRETS, PROPRIETARY TO TIMES MICROWAVE SYSTEMS. DISCLOSURE OF THIS DATA IS EXPRESSLY CONDITIONED UPON YOUR ASSENT THAT ITS USE IS LIMITED TO USE WITHIN YOUR COMPANY ONLY. ANY OTHER USE IS STRICTLY PROHIBITED WITHOUT THE PRIOR WRITTEN CONSENT OF TIMES MICROWAVE SYSTEMS.

SYM	REVISION DESCRIPTION	DFTM	DATE	APPD	DATE
A	RELEASED FOR PRODUCTION	D. J. H.	5/25/07	J. D. B.	5/29/07
B	CHANGED PER CDC #38752	D. J. H.	10/30/13	J. D. B.	10/30/13
C	CHANGED PER CDC #40966	D. J. H.	10/27/14	J. D. B.	10/31/14

ALL PARTS SATISFIED ROHS REQUIREMENTS

Ø1.0 HOLE X 3

21.0 HEX.



RECOMMENDED
CABLE STRIPPING DIM'S

MATERIALS AND PLATING		UNIT: MICRO-INCHES
BODY/SHELL	303 STAINLESS STEEL	PASSIVATION
CONTACT PIN	BRASS C3604	GOLD 50µ"/COPPER
INSULATOR	TEFLON MIL-P-19468	NATURAL

ELECTRICAL CHARACTERISTICS	
Impedance	50 Ω
Voltage rating	335V(rms)
Frequency range	0~18GHz
Dielectric withstanding voltage	500V
Contact resistance	Center contact: ≤2.5mΩ
	Outer contact ≤0.2mΩ
Insulation resistance	≥5000MΩ
Insertion loss	According to the cable
RF- leakage	N/A
VSWR	≤1.3
3rd Intermodulation	N/A

MECHANICAL CHARACTERISTICS	
Force to engage and disengage	N/A
Center contact retention force	N/A
Recommended Coupling torque	6-10 in-lbs
Coupling nut retention force	100 lbs
Durability	≥ 500 cycles

ENVIRONMENTAL CHARACTERISTICS	
Temperature range	-55°C- +125°C
Thermal Shock	US MIL- STD 202, Meth. 107, Cond. B
Vibration	US MIL- STD 202, Meth. 204, Cond. B
Shock	US MIL- STD 202, Meth. 213, Cond. I

MATL:	UNLESS OTHERWISE SPECIFIED		DFTM.	TIMES MICROWAVE SYSTEMS	
			D. J. H.		
USED ON: 0-1	ALL DIMENSIONS ARE IN mm MACHINED SURFACES FINISH N/A RMS MAX. REMOVE ALL BURRS 0.15 MAX. BREAK MACHINE CORNERS 0.15 MAX. FILLET R. TOLERANCES ON DECIMALS .X ± 0.2 .XX ± 0.1 ANGLES ± 3° FRACTIONS ± N/A		DATE	TC-205T-NMH-LW-SS N MALE FOR SFT205 CABLE	
			5/25/07		
SCALE: N/A	DO NOT SCALE DRAWING		CHKD.	SD3190-2291	
			J. D. B.		
DWG. SIZE: A	CODE IDENT: 68999		DATE	1 of 1	REV: C
			5/29/07		