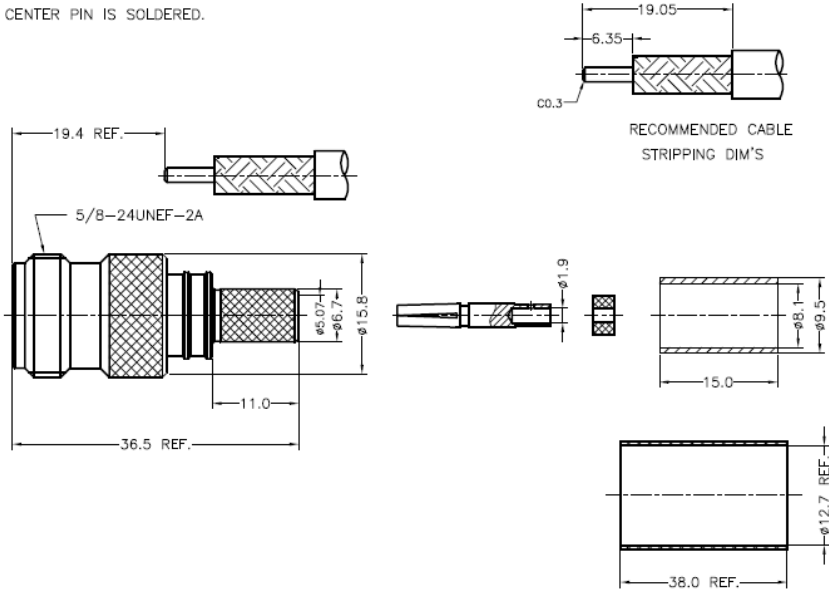


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SYM	REVISION DESCRIPTION	DFTM	DATE	APPD	DATE
A	RELEASED FOR PRODUCTION	N. N. N	6/5/14	J. D. B.	6/6/14

REMARKS:

1. CRIMP FERRULE HEX. CRIMP SIZE .324"
2. CENTER PIN IS SOLDERED.



MATERIALS AND PLATING		UNIT: MICRO-INCHES
BODY	BRASS C3604	ALBALOY 80u"/COPPER
CONTACT PIN	PHOSPHOR BRONZE C54400	GOLD 50u"/COPPER
INSULATOR	TEFLON MIL-P-19468	NATURAL
FERRULE	BRASS	ALBALOY 80u"/COPPER

ELECTRICAL CHARACTERISTICS	
Impedance	50 Ω
Voltage rating	500V rms
Frequency range	0~6GHz
Dielectric withstanding voltage)	1000V
Contact resistance	Center contact: ≤3mΩ Outer contact: ≤2mΩ
Insulation resistance	≥5000MΩ
Insertion loss	0.1X/F GHZ
RF- leakage	N/A
VSWR	1.3 MAX
3rd Intermodulation	-

MECHANICAL CHARACTERISTICS	
(Force to engage and disengage)	N/A
Center contact retention force	N/A
Coupling torque	N/A
Coupling nut retention force	N/A
Durability	≥ 500 cycles

ENVIRONMENTAL CHARACTERISTICS	
Temperature range	-55°C- +155°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
Climatic class	IEC 60068 65/165/21

MATL:	SEE ABOVE
USED ON:	
SCALE: ~	DWG. SIZE A

UNLESS OTHERWISE SPECIFIED	
ALL DIMENSIONS ARE IN mm	
UNLESS OTHERWISE SPECIFIED:	
1) EDGES C0.15 MAX;	
2) REMOVE ALL BURRS;	
3) SURFACE ROUGHNESS Ra1.6;	
4) UNITS mm;	
5) DIMENSIONS TOLERANCES	
DECIMALS ANGLES	
.x ±0.3 ±5°	
.xx ±0.2	
DO NOT SCALE DRAWING	CODE IDENT 68999

DFTM:	N. N. N
DATE	6/5/14
CHKD.	J. D. B.
DATE	6/6/14
APPD.	J. D. B.
DATE	6/6/14

TIMES MICROWAVE SYSTEMS	
<b>TC-300-NF-X</b>	
N Female	
for LMR-300	
1 of 1	SD3190-3078
REV	A