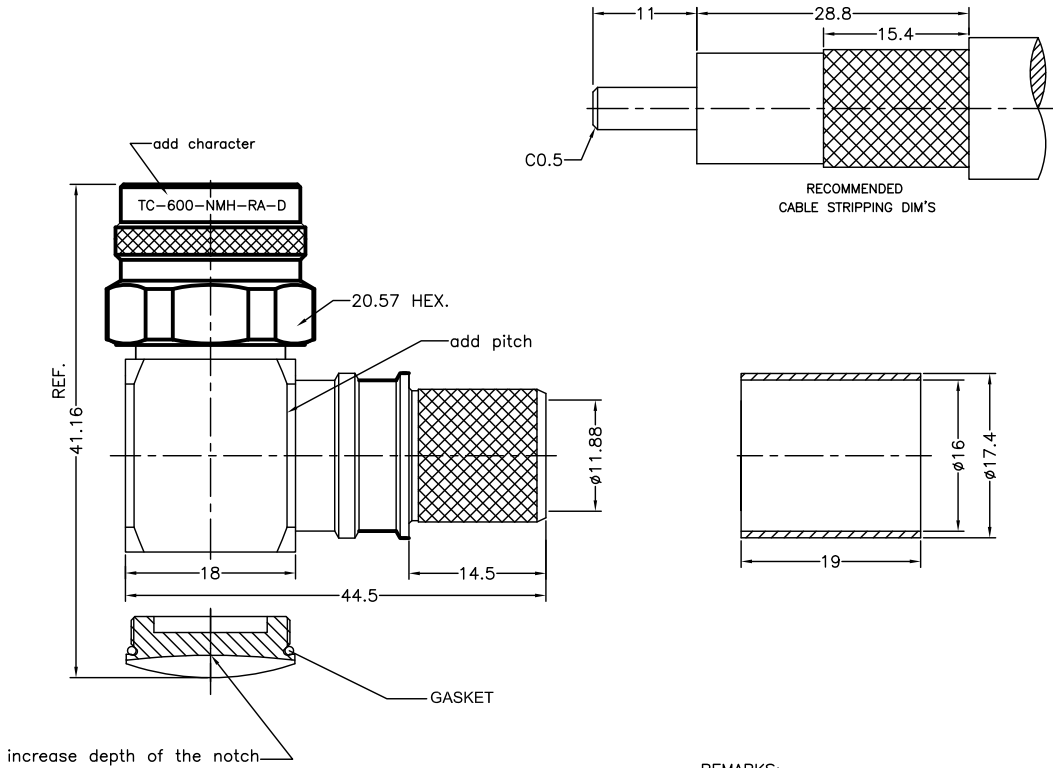


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SYM	REVISION DESCRIPTION	DFTM	DATE	APPD	DATE
A	RELEASED FOR PRODUCTION	K.A.M.	5/18/10	J.D.B.	5/24/10



REMARKS:
CRIMP FERRULE FOR .610" HEX.

MATERIALS AND PLATING		UNIT: MICRO-INCHES
BODY,SHELL	BRASS C3604	ALBALOY PL. 80µ" MIN.
CONTACT PIN	BRASS C3604	GOLD 50µ"*/ NICKEL/COPPER
INSULATOR	TEFLON MIL-P-19468	
FERRULE	COPPER	ALBALOY PL. 80µ" MIN.
GASKET	SILICONE	RED

ELECTRICAL CHARACTERISTICS	
Impedance	50 Ω
Voltage rating	1000V(rms)
Frequency range	0~6GHz
Dielectric withstanding voltage	1500V
Contact resistance	Center contact: $\leq 3m\Omega$ Outer contact $\leq 2m\Omega$
Insulation resistance	>math>\geq 5000M\Omega</math>
Insertion loss	According as the cable
RF- leakage	-90 dB up to 3 GHz
VSWR	≤ 1.25 (DC-2.5GHz)
3rd Intermodulation)	-

MECHANICAL CHARACTERISTICS	
Force to engage and disengage	6 lbs MAX.
Center contact retention force	6 lbs MIN.
Coupling torque	30 in-lbs
Coupling nut retention force	100 lbs
Durability	>math>\geq 500</math> 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:	UNLESS OTHERWISE SPECIFIED		DFTM. K. A. M.	TIMES MICROWAVE SYSTEMS
	ALL DIMENSIONS ARE IN mm		DATE 5/18/10	
USED ON:	TOLERANCES ON DECIMALS		CHKD. J. D. B.	N MALE, RIGHT ANGLE FOR LMR-600 CABLE
	.X ± 0.2 .XX ± 0.1		DATE 5/24/10	
SCALE: ~	ANGLES ± 3		APPD. J. D. B.	1 of 1 SD3190-2427 A
	SURFACE FINISH: 1.6µ		DATE 5/24/10	
DWG. SIZE A	DO NOT SCALE DRAWING	CODE IDENT 68999	DATE 5/24/10	