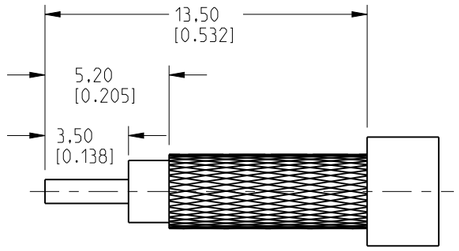
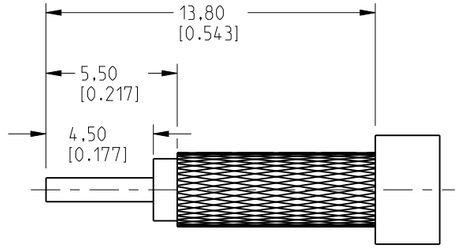
NOTES:

1. IMPEDANCE: 50 OHM
2. FREQUENCY RANGE: DC-12.4 GHZ
3. ELECTRICAL PERFORMANCE MAY VARY DEPENDING ON THE TYPE OF CABLE BEING USED
4. DIELECTRIC WITHSTANDING VOLTAGE: 1000 VRMS, MIN.
5. DURABILITY: 500 CYCLES MIN.
6. TEMPERATURE RANGE: -65°C TO +165°C
7. CRIMPED FERRULE HEX CRIMP SIZE 0.213".
8. CONTACT PIN TO SOLDER.
9. WHEN USING WITH RG-58 CABLE,DISCARD THE PTFE SPACER AND USE STRIPPING DIMENSIONS "A".
10. WHEN USING WITH LMR-195 CABLE,ADD THE PTFE SPACER AND USE STRIPPING DIMENSIONS "B".

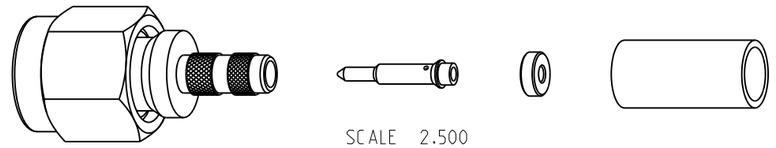
132113	REVISIONS				
DRAWING NO.	REV	DESCRIPTION	DATE	ECO	APPR
THIRD ANGLE PROJ.	A	RELEASE TO MFG.	05-Aug-11	--	HR
	B	ECR 2209	10-Aug-11	2209	HR
	C	ADD SPACER,ADDITIONAL STRIPPING DIMENSIONS AND NOTES	03-Jan-13	2425	AAP



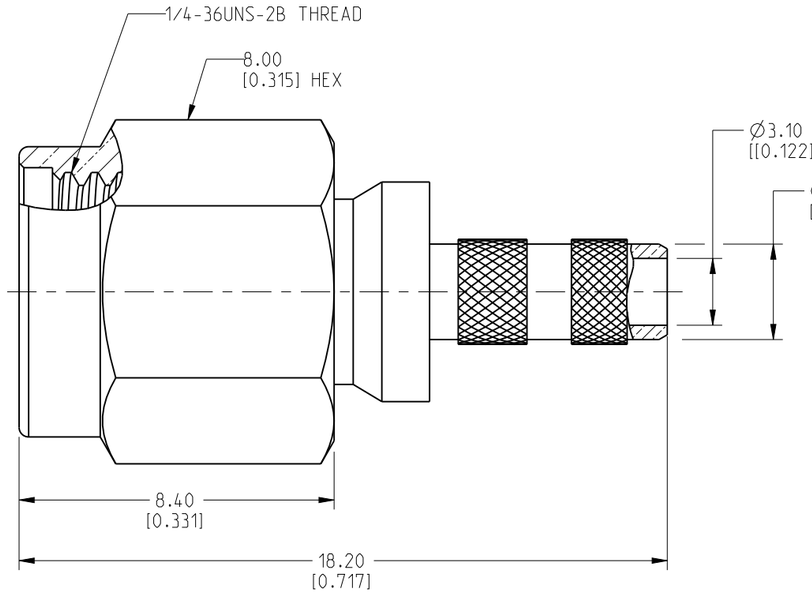
RECOMMENDED CABLE STRIPPING DIMENSIONS "A"

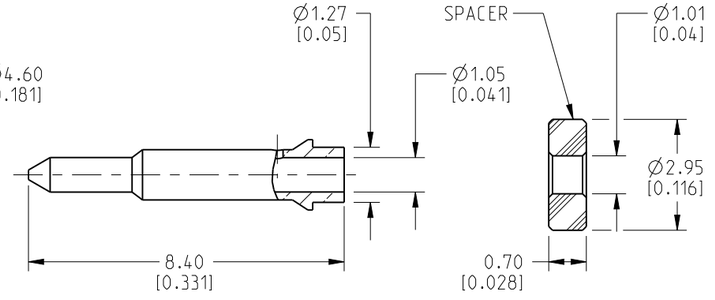


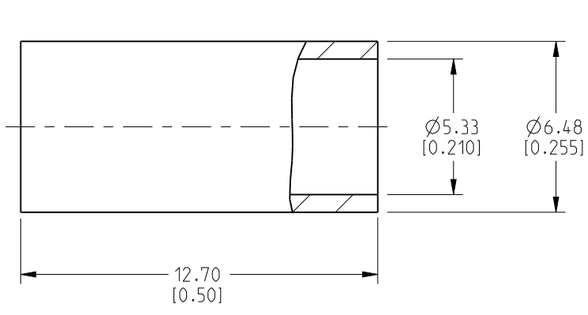
RECOMMENDED CABLE STRIPPING DIMENSIONS "B"



SCALE 2.500







S.NO	DESCRIPTION	MATERIAL	FINISH
8	SPACER	PTFE	NATURAL
7	FERRULE	COPPER	GOLD
6	RETAINER RING	SUS 304	NATURAL
5	GASKET	SILICONE RUBBER	RED
4	SHELL	BRASS	GOLD
3	CONTACT PIN	BRASS	GOLD
2	INSULATOR	PTFE	NATURAL
1	BODY	BRASS	GOLD

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES AND TOLERANCES ARE:
2 PLACE DECIMAL ±.015 (0,381 mm) | 3 PLACE DECIMAL ±.005 (0,127 mm) | ANGLES ± 1°

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MATERIAL

REFERENCE

TASK # 717

DRAWN	HARI R	DATE 03-Jan-13
ENGINEER	HARI R	DATE 03-Jan-13
APPROVED		DATE
CAD FILE		

TITLE

SMA STRAIGHT PLUG FOR RG-58C/U, 58/U, LMR-195 CABLE

Amphenol Connex

SCALE: 6.3:1 | SHEET 1 OF 1

DWG SIZE	DRAWING NO.	REV
B	132113	C

Mouser Electronics

Authorized Distributor

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Amphenol:
132113