

4

3

2

1

THIS DRAWING IS UNPUBLISHED.

RELEASED FOR PUBLICATION

FEB ,2006.

© COPYRIGHT 2006 By -

ALL RIGHTS RESERVED.

LOC

E

DIST

B

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	D	ECO-12-013958	18JAN2013	RZ	MY

NOTES:

1

PACK IN ACCORDANCE WITH AMP SPEC 107-3275

2

100 TRAY PACK IN ACCORDANCE WITH AMP SPEC 107-3275

3

Au PLATING

4

HAND TOOL : 9-1478240-0

5

DIE SET : 9-1478248-0

6

ELECTRICAL CHARACTERISTICS

FREQUENCY RANGE:

DC - 10 GHz

NOMINAL IMPEDANCE:

50 Ohm

INSULATION RESISTANCE:

1000 MOhm MIN

WORKING VOLTAGE:

250 Volts RMS AT SEA LEVEL

DIELECTRIC WITHSTAND VOLTAGE:

750 Volts RMS MAX

CONTACT RESISTANCE:

CENTRE CONTACT:

6.00 mOhm MAX

OUTER CONTACT:

1.00 mOhm MAX

VSWR @ 3GHz:

1.35:1

INSERTION LOSS dB @ x 10 GHz:

2.5 MAX

7

MECHANICAL CHARACTERISTICS

COUPLING NUT RETENTION FORCE:

35 LBS MIN

RECOMMENDED COUPLING TORQUE:

1 IN-LBS MAX

DURABILITY:

500 CYCLES MIN

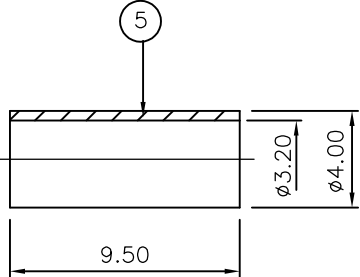
8

ENVIRONMENTAL CHARACTERISTICS

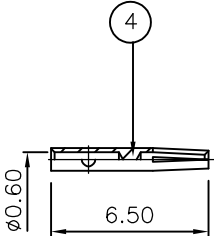
OPERATING TEMPERATURE:

-65 to +165 DegC

5



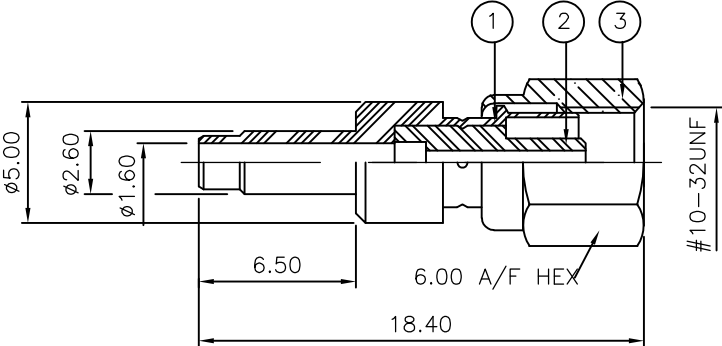
4



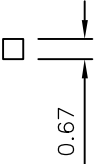
1

2

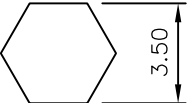
3



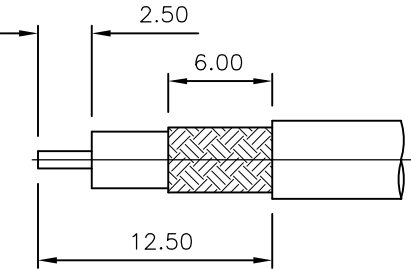
RECOMMENDED
CENTRE CONTACT
A/F SQR



RECOMMENDED
CRIMP SLEEVE
A/F HEX



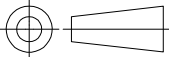
RECOMMENDED
CABLE STRIPPING DIM'S



THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:

mm



0 PLC ± -

1 PLC ± -

2 PLC ± -

3 PLC ± -

4 PLC ± -

ANGLES ± -

FINISH -

MATERIAL

SEE TABLE

DWN

J.SANDWELL

15FEB06

CHK

S.PARLOW

15FEB06

APVD

F.WHEELER-KING

15FEB06

PRODUCT SPEC

-

APPLICATION SPEC

411-3247

WEIGHT

-

CUSTOMER DRAWING

NAME

SMC STRAIGHT PLUG CRIMP 50 OHM
RG174A/U, 188A/U, 316/U, URM95, KX3B, KX22A

SIZE

A3

CAGE CODE

00779

DRAWING NO

C-1337608

RESTRICTED TO

-

SCALE

NTS

SHEET

1 OF 1

REV

D

		1	1	BRASS	3	FERRULE	5
		1	1	BERYLLIUM COPPER	3	CONTACT	4
		1	1	BRASS	3	COUPLING NUT	3
		1	1	PTFE		INSULATION	2
		1	1	BRASS	3	BODY	1
		6--0	1--0	MATERIAL		DESCRIPTION	ITEM
		2	1				
		QUANTITY PER ASSY		PARTS LIST			

1470-19 (3/11)