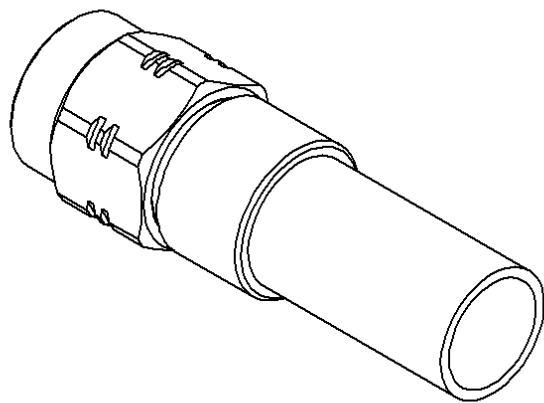
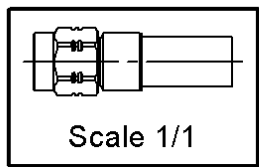
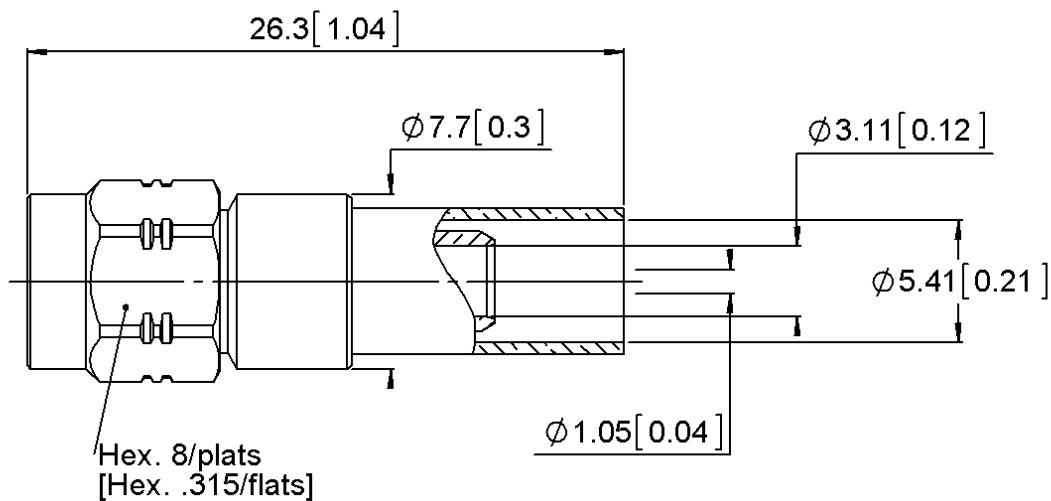
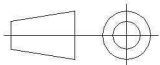


PAGE 1/2	ISSUE 1431	SERIES SMA-COM	PART NUMBER R124075210
----------	------------	----------------	------------------------



All dimensions are in mm.



COMPONENTS	MATERIALS	PLATING (μm)
Body	BRASS.	BBR2
Center contact	BRASS.	GOLD 1.3 OVER COPPER 2.5
Outer contact		
Insulator	PTFE	
Gasket		
Others parts	BRASS.	BBR2
-	-	-
-	-	-

PAGE **2/2**

ISSUE **1431**

SERIES **SMA-COM**

PART NUMBER **R124075210**

PACKAGING

Standard	Unit	Other
100	Contact us	Contact us

ELECTRICAL CHARACTERISTICS

Impedance	50	Ω
Frequency	0-12.4	GHz
VSWR	TBD + 0,0100	x F(GHz) Maxi
Insertion loss	TBD	\sqrt{F} (GHz) dB Maxi
RF leakage	- (60	- F(GHz)) dB Maxi
Voltage rating	335	Veff Maxi
Dielectric withstanding voltage	1000	Veff mini
Insulation resistance	5000	M Ω mini

MECHANICAL CHARACTERISTICS

Center contact retention		
Axial force – Mating End	18	N mini
Axial force – Opposite end	18	N mini
Torque	NA	N.cm mini
Recommended torque		
Mating	60	N.cm
Panel nut	NA	N.cm
Clamp nut	NA	N.cm
A/F clamp nut	0,0000	mm
Mating life	100	Cycles mini
Weight	7,3500	g

ENVIRONMENTAL

Operating temperature	-65/+165	°C
Hermetic seal	NA	Atm.cm3/s
Panel leakage	NA	

SPECIFICATION

CABLE ASSEMBLY

Stripping	a	b	c	d	e	f
mm	4.3	6.3	11.5	0	7.2	0

Assembly instruction: **Crimp 02**

Recommended cable(s)

RG 58
KX 15
RG 141
ECO 142

AEP-195FR
LMR 195

Characteristics indicated on this data sheet are those that can be achieved with the highest performance cable. Intrinsic limitations of the cable may diminish the performance of the assembly

Cable retention

- pull off	180	N mini
- torque	NA	N.cm

TOOLING

Part Number	Description	Hexagon
R282223000	CRIMPING TOOL	.213
R282281000	CRIMPING TOOL	2x4 (Pos.7)
R282967015	POSITIONER FOR CRIMPING TOOL	

OTHER CHARACTERISTICS

***prior to step two of Crimp 02, slide disk insulator onto center conductor, and bottom contact on disk insulator**

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Radial:

[R124075210](#)