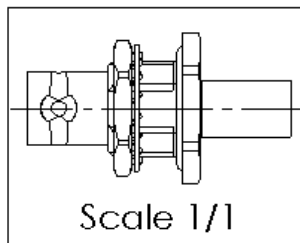
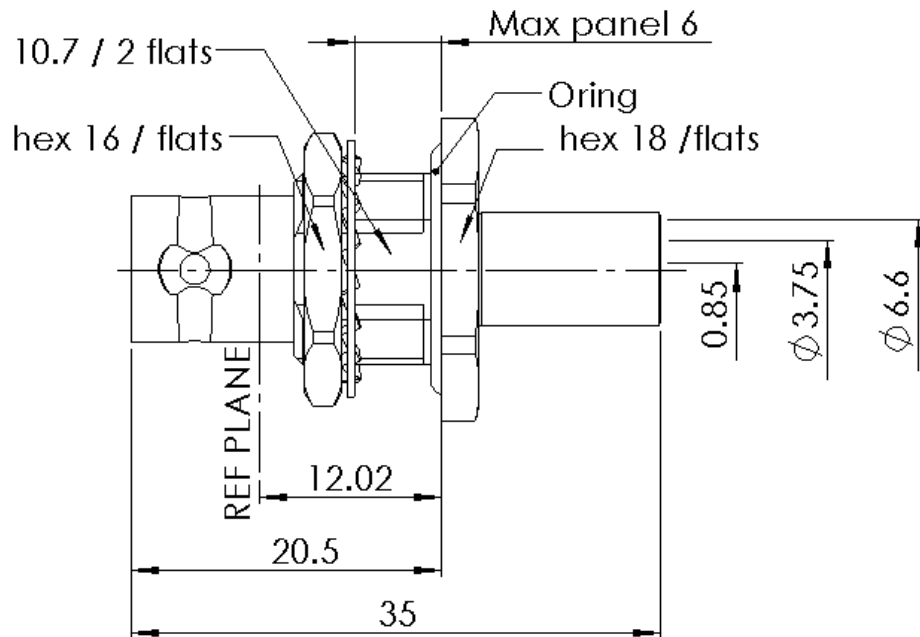
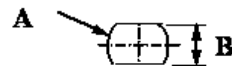


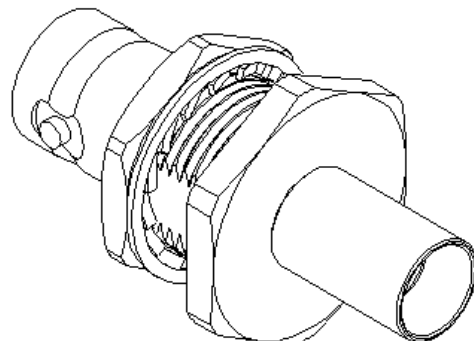
PAGE 1/3	ISSUE 03-03-17B	SERIES BNC 75 HDTV	PART NUMBER R142334700
----------	-----------------	--------------------	------------------------



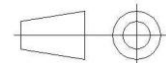
PANEL CUT OUT



	mm	
	Maxi	mini
A	12.8	12.7
B	10.9	10.8



All dimensions are in mm.



COMPONENTS	MATERIALS	PLATING (μ m)
Body	BRASS	BBR
Center contact	BERYLLIUM COPPER	NPGR
Outer contact		
Insulator	PTFE	
Gasket	SILICONE RUBBER	
Others parts	BRASS	BBR
-	-	-
-	-	-

PAGE 2/3	ISSUE 03-03-17B	SERIES BNC 75 HDTV	PART NUMBER R142334700
----------	-----------------	--------------------	------------------------

PACKAGING

Standard	Unit	Other
100	Contact us	Contact us

ELECTRICAL CHARACTERISTICS

Impedance		75	Ω
Frequency		DC-12	GHz
VSWR	1.05	+	0.0350
Insertion loss		0.1	√F(GHz) dB Maxi
RF leakage	- (55*	- F(GHz)) dB Maxi
Voltage rating		500	Veff Maxi
Dielectric withstanding voltage		1500	Veff mini
Insulation resistance		5000	MΩ mini

MECHANICAL CHARACTERISTICS

Center contact retention			
Axial force – Mating End		10	N mini
Axial force – Opposite end		10	N mini
Torque		NA	N.cm mini
Recommended torque			
Mating		NA	N.cm
Panel nut		370	N.cm
Clamp nut		NA	N.cm
A/F clamp nut		0.0000	mm
Mating life		1000	Cycles mini
Weight		18.1600	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	3.3	10.3	16.8	0	13.5	0

Assembly instruction: **Crimp 02**

Recommended cable(s)
DRAKA 0.8/3.7
BELDEN 1505A
CAE HD 08370

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	136	N mini
- torque	NA	N.cm

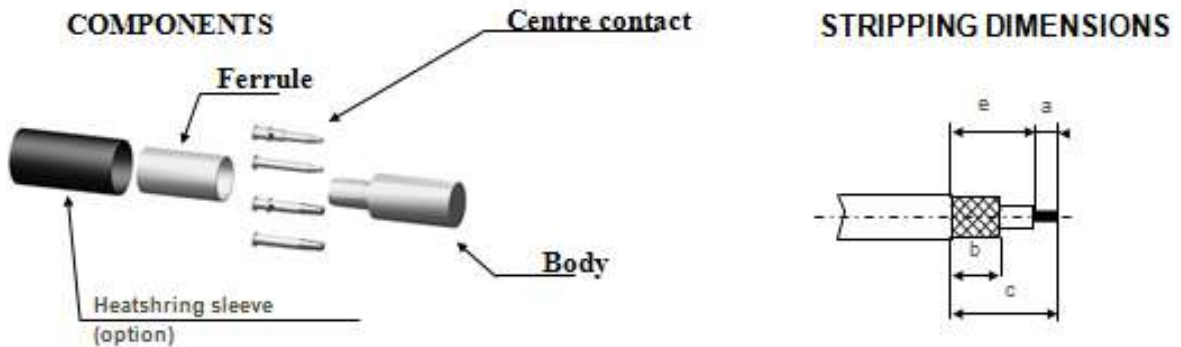
TOOLING

Part Number	Description	Hexagon
R282235013	CRIMPING DIES	6.48
R282293000	CRIMPING TOOL M22520/5-01	
R282233000	CRIMPING TOOL	HEX 6.48
R282234000	CRIMPING TOOL	square 1.15

OTHER CHARACTERISTICS

Data speed rate up to 12.5Gb/s
*** From 2 to 3GHz**

PAGE 3/3	ISSUE 03-03-17B	SERIES BNC 75 HDTV	PART NUMBER R142334700
----------	-----------------	--------------------	------------------------



1

Slide the heatshrink sleeve onto the cable (Option).
Slide the ferrule onto the cable.
Strip the cable.

4

Slide the cable into the body until it bottoms against insulator.

2

Slide the centre contact on until it bottoms against the cable dielectric.
Crimp the centre contact with crimping tool (see connector TDS).

5

Slide the ferrule over the braid.
Crimp the ferrule with crimping tool (see connector TDS).

3

Fan the braid.

6

Cut the excess of braid if necessary.
Slide the sleeve over the ferrule and heatshrink it in place (Option).