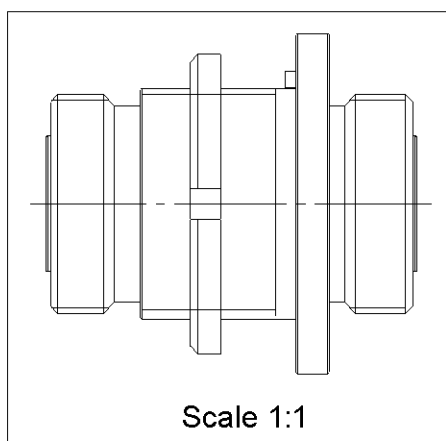
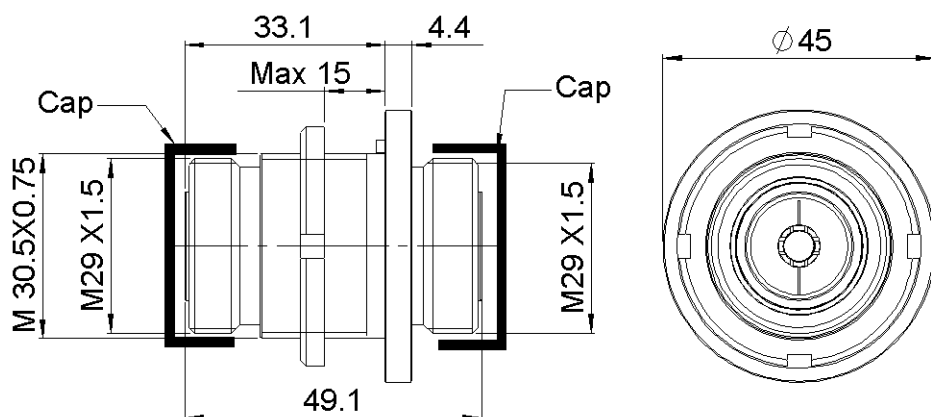


PAGE 1/2

ISSUE **29-05-15A**

SERIES **7-16**

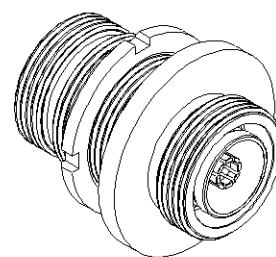
PART NUMBER **R185730020**



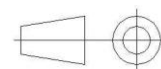
PANEL CUT OUT

A technical drawing of a panel cut out. It shows a circular hole with a diameter dimensioned as 'A DIA'. The hole is centered on a horizontal dashed line. Above the hole, a dimension 'B' indicates the width of the panel. To the right of the hole, a dimension 'C' indicates the height of the panel. The drawing is a top-down view of a rectangular panel with a circular cutout.

	mm	
	Maxi	mini
A	30.55	30.45
B	3.3	3.2
C	17.6	17.5



All dimensions are in mm.



COMPONENTS	MATERIALS	PLATING (μm)
Body	BRASS	BBR OVER SILVER
Center contact	BERYLLIUM COPPER	SILVER PASSIVATED OVER COPPER
Outer contact	BRASS	SILVER PASSIVATED OVER COPPER
Insulator	PTFE	
Gasket	EPDM	
Others parts	BRASS	BBR
-	-	-
-	-	-

PAGE 2/2

ISSUE **29-05-15A**

SERIES **7-16**

PART NUMBER **R185730020**

PACKAGING

Standard	Unit	Other
20	Contact us	Contact us

ELECTRICAL CHARACTERISTICS

Impedance	50	Ω
Frequency	0-7.5	GHz
VSWR	1.15 + 0.0000	x F(GHz) Maxi
Insertion loss	NA	$\sqrt{F}$ (GHz) dB Maxi
RF leakage	NA	- F(GHz)) dB Maxi
Voltage rating	1400	Veff Maxi
Dielectric withstanding voltage	4000	Veff mini
Insulation resistance	10000	M Ω mini

MECHANICAL CHARACTERISTICS

Center contact retention		
Axial force – Mating End	200	N mini
Axial force – Opposite end	200	N mini
Torque	NA	N.cm mini
Recommended torque		
Mating	3000	N.cm
Panel nut	NA	N.cm
Mating life	500	Cycles mini
Weight	211.9220	g

ENVIRONMENTAL

Operating temperature	-55/+155	°C
Hermetic seal	NA	Atm.cm3/s
Panel leakage	NA	

SPECIFICATION

OTHER CHARACTERISTICS

Assembly instruction:

Others:

Coaxial transmission line only
>1.1 at 2GHz >1.15 at 4GHz
>1.25 at 6GHz >1.3 at 7.5GHz