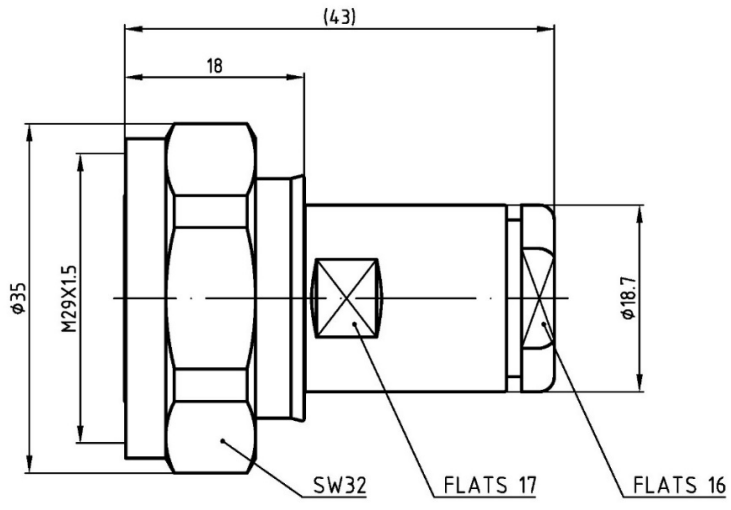
716D02-07G-01

Straight Male Clamp
7/16 DIN Connector

DATASHEET

PRODUCT SPECIFICATIONS		
Interface	7/16	
Standard	DIN 47223	
Gender	Male	
Geometry	Straight	
Panel mounting feature	-	
ELECTRICAL SPECIFICATIONS		
Impedance	50 Ω	
Frequency range	dc – 6 GHz	
VSWR	≤1.25	
Working voltage	1000 V_{RMS}	
Dielectric withstanding voltage	2500 V_{RMS}	
Insulation resistance	≥10000 MΩ	
MECHANICAL SPECIFICATIONS		
Durability	≥500 mating	
Weight	92.2 g	
Center contact attachment	Solder	
Outer contact attachment	Clamp	
MATERIAL SPECIFICATIONS		
COMPONENT	**MATERIAL**	**PLATING**
Connector body, Nut	Brass	Ternary alloy
Center contact	Phosphor bronze	Silver
Insulator	PTFE	-
Gasket	Silicon rubber	-
ENVIRONMENTAL SPECIFICATIONS		
Temperature range	-65 / +165 °C	RoHS COMPLIANT
IP rating	-	
CABLE GROUP		
RG213 / RG214 / RG393		

DRAWING **Unit: mm**



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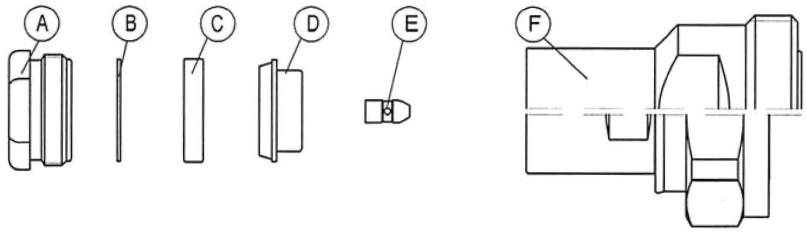
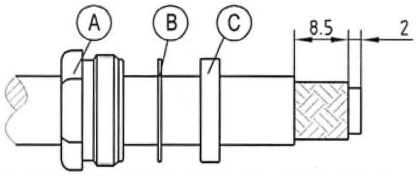
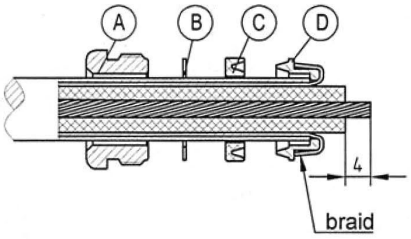
ASSEMBLY INSTRUCTION

This connector is supplied in 6 parts

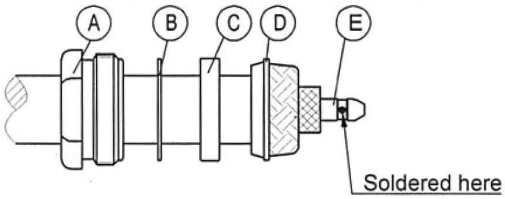




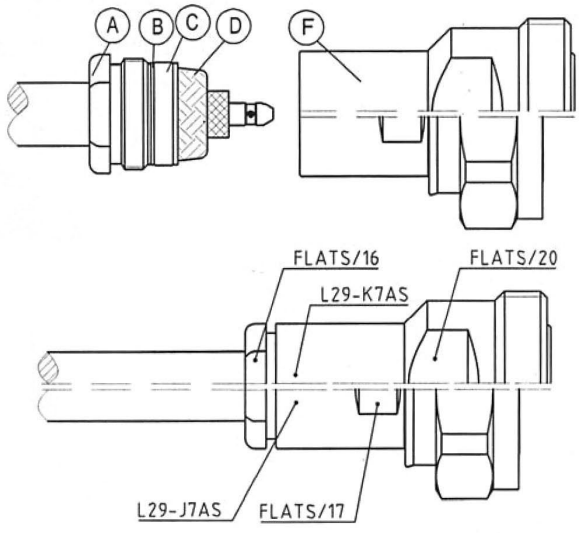
Suitable cables e.g.:RG393 RG214
Slide nut A,washer B and gasket C onto cable.
Prepare cable according to diagram.
Do not damage braid of cable!



Slide braid clamp D over the braid until shoulder abuts the cable sheath.
Fold back braid over clamp D and trim overlapping braid.
Prepare cable according to diagram.
Do not damage inner conductor of cable!



Heat contact E whit soldering iron.
Flow small amount of solder into bore hole of E, introduce inner conductor of cable and solder to contact.
Remove soldering iron immediately to avoid excessive heat.



Push prepared cable into body F until contact engages perceptibly.
Push gasket C and washer B into body F and tighten cable entry nut A using a spanner.