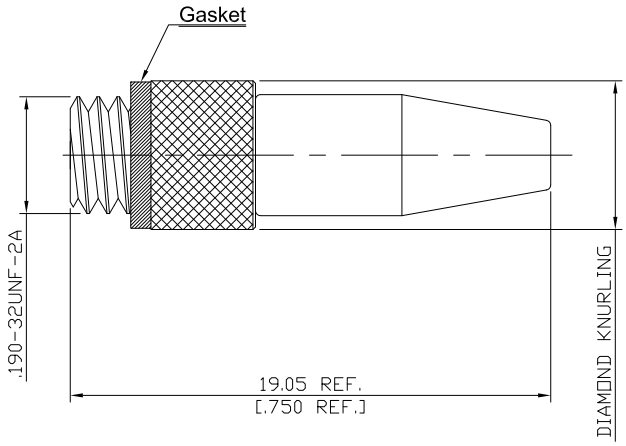
ROSNOL®
RF/Microwave Interconnect

Technical Data Sheet

10-32 Jack (Female) Connector, Cable Entry: Crimp
Center Conductor: Solder Attachment for RG178, RG196 DC-2GHz

1032-2C50-G178B / H1



All dimensions are in mm [inch]
Tolerances according to DIN ISO 2768-mH

Interface

According to	N/A

Electrical Data

Impedance	50 Ω
Frequency	DC to 2 GHz

Material And Plating

Piece Parts	Material	Plating
Centre Contact	Phosphor Bronze	Gold plating, 3 μinch (Non-magnetic nickel-phosphorus underplating, 80 μinch)
Body	Brass	Gold plating, 3 μinch (Non-magnetic nickel-phosphorus underplating, 80 μinch)
Insulator	PTFE	
Gasket	Silicone Rubber	
Boot	Silicone Rubber	

Mechanical Data

Coupling Mechanisms	Screw-Lock
Mating Cycles	≥ 500
Centre Contact	Soldered
Cable Entry	Crimp

Environmental Data

Temperature Range	-55°C to +155°C
RoHS	compliant

Suitable Cables

RG178, RG196

Packing

Single or 100

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N-CAGE Code: SFKK0 / ISO9001 Certified

ROSNOL RF/Microwave Interconnect

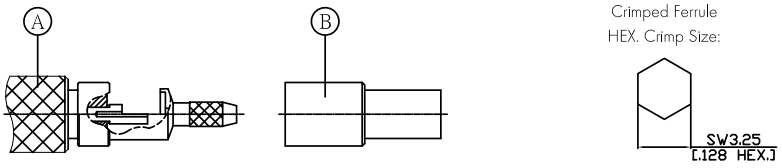
Assembly Instruction

10-32 Jack (Female) Connector, Cable Entry: Crimp
Center Conductor: Solder Attachment for RG178, RG196 DC-2GHz

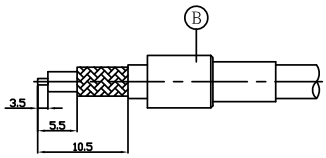
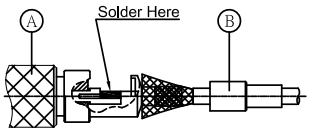
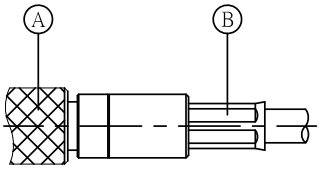
1032-2C50-G178B / H1

Connector Type:	1032-1C50-G178B/111 1032-2C50-G178B/H1	Inner Conductor Contact:	Soldered
Suitable Cable:	RG178, RG196	Outer Conductor Contact:	Crimped

Parts List of Connector:



Assembly Steps:

Picture	Process	Attention/Check	Tools Required
	Push ferrule "B" over the cable. Prepare the cable according to the diagram.	Do not damage center contact, dielectric and braid.	Blade Scissor
	Splay out braid and insert cable in outer conductor body "A" until it to stop. Solder center conductor according to the diagram.	Ensure that braid lies above crimp neck.	Solder Iron Solder Wire
	Slide ferrule "B" over braid and crimp.	Crimp as close to nut "B" as possible. Do not damage nut "B" and center conductor.	Crimp Tool: CT-L3 Crimp Insert: CI-L33JA

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