

D SUB IP 67 9 POLE STRAIGHT FRONT METAL



Part number	09 67 809 7615
Specification	D SUB IP 67 9 POLE STRAIGHT FRONT METAL
HARTING eCatalogue	https://b2b.harting.com/09678097615

Image is for illustration purposes only. Please refer to product description.

Version

Termination method	Solder cup termination
Gender	Male
Size	D-Sub 1
Number of contacts	9
Locking type	Fixing flange with thread 4-40 UNC

Technical characteristics

Conductor cross-section	0.5 mm²
Conductor cross-section	AWG 20
Rated current	5 A
Clearance distance	≥1 mm
Creepage distance	≥1 mm
Insulation resistance	> 5 x 10 ⁹ Ω
Contact resistance	≤10 mΩ
Tightening torque	0.4 0.6 Nm Screw
Limiting temperature	-25 +70 °C
Performance level	NM 30 (S4) 1
Mating cycles	≥500
Degree of protection acc. to IEC 60529	IP67
Test voltage U _{r.m.s.}	1.2 kV
Isolation group	IIIa (175 ≤ CTI < 400)

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Technical characteristics

Material properties Material (insert) Thermoplastic resin, glass-fibre filled Sheli: brass, tin plated Colour (insert) Red Material (contacts) Copper alloy Surface (contacts) Noble metal over Ni Layer thickness 20.76 µm Layer thickness 230 µinch Material (seal) Silicone Colour (seal) Red Material (seal) Zin ceic-cast, nickel-plated Material flammability class acc. to UL 94 V-0 RoHS compliant with exemption RoHS compliant with exemption RoHS Actorations 6(c): Copper alloy containing up to 4 % lead by weight ELV status compliant with exemption REACH Annex XVII substances Not contained REACH ANNEX XIV substances Not contained REACH SVHC substances Yes California Proposition 65 substances Yes California Proposition 65 substances Yes California Proposition 65 substances Lead Specifications DIN 14652	Hot plugging	No			
Material (insert)Shell: brass, tin platedColour (insert)RedMaterial (contacts)Copper alloySurface (contacts)Noble metal over NiLayer thickness20.76 µmLayer thickness230 µinchMaterial (seal)SiliconeColour (seal)RedMaterial flammability class acc. to UL 94V-0RoHScompliant with exemptionRoHScompliant with exemptionChina RoHS50REACH ANNEX XVII substancesNot containedREACH ANNEX XVII substancesVesREACH ANNEX XVII substancesYesREACH SVHC substancesYesCalifornia Proposition 65 substancesYesCalifornia Proposition 65 substancesLeadSpecifications and approvalsDIN 41652	Material properties				
Material (contacts)Copper alloySurface (contacts)Noble metal over NiLayer thickness>30.76 µmLayer thickness>30 µinchMaterial (seal)SiliconeColour (seal)RedMaterial flammability class acc. to UL 94V-0RoHScompliant with exemptionRoHScompliant with exemptionChina RoHS50REACH Annex XVII substancesNot containedREACH ANNEX XIV substancesNot containedREACH SVHC substancesYesREACH SVHC substancesYesCalifornia Proposition 65 substancesYesCalifornia Proposition 65 substancesYesCalifornia Proposition 65 substancesLeadSpecifications and approvalsDIN 41652	Material (insert)				
Surface (contacts)Noble metal over NiLayer thickness≥0.76 µmLayer thickness≥30 µinchMaterial (seal)SiliconeColour (seal)RedMaterial flammability class acc. to UL 94V-0RoHScompliant with exemptionRoHS6(c): Copper alloy containing up to 4 % lead by weightELV statuscompliant with exemptionChina RoHSSiRACH Annex XVII substancesNot containedREACH ANNEX XIV substancesVesREACH SVHC substancesLeadECHA SCIP numberecer/7555-f643-4ceb-a337-fc5476229711California Proposition 65 substancesYesSpecifications and approvalsDIN 41652	Colour (insert)	Red			
Layer thickness≥0.76 μmLayer thickness≥0.76 μmLayer thickness≥30 μinchMaterial (seal)SiliconeColour (seal)RedMaterial flammability class acc. to UL 94V-0RoHScompliant with exemptionRoHScompliant with exemptionRoHSG(c): Copper alloy containing up to 4 % lead by weightELV statuscompliant with exemptionChina RoHS50REACH Annex XVII substancesNot containedREACH ANNEX XIV substancesVesREACH SVHC substancesLeadECHA SCIP numberecef7555-f643-4ceb-a337-fc54762297f1California Proposition 65 substancesVesSpecifications and approvalsDIN 11652	Material (contacts)	Copper alloy			
Layer thickness≥30 µinchMaterial (seal)SiliconeColour (seal)RedMaterialZinc die-cast, nickel-platedMaterial flammability class acc. to UL 94V-0RoHScompliant with exemptionRoHS exemptions6(c): Copper alloy containing up to 4 % lead by weightELV statuscompliant with exemptionChina RoHS50REACH ANNEX XIV substancesNot containedREACH ANNEX XIV substancesVesREACH SVHC substancesVesREACH SVHC substancesYesCalifornia Proposition 65 substancesYesCalifornia Proposition 65 substancesVesSpecifications and approvalsDIN 41652	Surface (contacts)	Noble metal over Ni			
Material (seal)SiliconeColour (seal)RedMaterialZinc die-cast, nickel-platedMaterial flammability class acc. to UL 94V-0RoHScompliant with exemptionRoHSG(c): Copper alloy containing up to 4 % lead by weightELV statuscompliant with exemptionChina RoHS50REACH Annex XVII substancesNot containedREACH SVHC substancesVesREACH SVHC substancesVesREACH SVHC substancesYesCalifornia Proposition 65 substancesYesCalifornia Proposition 65 substancesYesSpecifications and approvalsDIN 41652	Layer thickness	≥0.76 µm			
Colour (seal)RedMaterialZinc die-cast, nickel-platedMaterial flammability class acc. to UL 94V-0RoHScompliant with exemptionRoHS exemptions6(c): Copper alloy containing up to 4 % lead by weightELV statuscompliant with exemptionChina RoHS50REACH Annex XVII substancesNot containedREACH ANNEX XIV substancesVesREACH SVHC substancesLeadECHA SCIP numberecef7555-f643-4ceb-a337-fc54762297f1California Proposition 65 substancesLeadSpecifications and approvalsDIN 41652	Layer thickness	≥30 µinch			
MaterialZinc die-cast, nickel-platedMaterial flammability class acc. to UL 94V-0RoHScompliant with exemptionRoHS exemptions6(c): Copper alloy containing up to 4 % lead by weightELV statuscompliant with exemptionChina RoHS50REACH Annex XVII substancesNot containedREACH ANNEX XIV substancesNot containedREACH SVHC substancesLeadREACH SVHC substancesLeadCalifornia Proposition 65 substancesYesCalifornia Proposition 65 substancesLeadSpecifications and approvalsDIN 41652	Material (seal)	Silicone			
Material flammability class acc. to UL 94V-0RoHScompliant with exemptionRoHS exemptions6(c): Copper alloy containing up to 4 % lead by weightELV statuscompliant with exemptionChina RoHS50REACH Annex XVII substancesNot containedREACH ANNEX XIV substancesNot containedREACH SVHC substancesLeadECHA SCIP numberecef7555-f643-4ceb-a337-fc54762297f1California Proposition 65 substancesLeadSpecifications and approvalsDIN 41652	Colour (seal)	Red			
RoHScompliant with exemptionRoHScompliant with exemptionRoHS exemptions6(c): Copper alloy containing up to 4 % lead by weightELV statuscompliant with exemptionChina RoHS50REACH Annex XVII substancesNot containedREACH ANNEX XIV substancesNot containedREACH SVHC substancesYesREACH SVHC substancesLeadECHA SCIP numberecef7555-f643-4ceb-a337-fc54762297f1California Proposition 65 substancesYesSpecifications and approvalsDIN 41652	Material	Zinc die-cast, nickel-plated			
RoHS exemptions6(c): Copper alloy containing up to 4 % lead by weightELV statuscompliant with exemptionChina RoHS50REACH Annex XVII substancesNot containedREACH ANNEX XIV substancesNot containedREACH SVHC substancesYesREACH SVHC substancesLeadECHA SCIP numberecef7555-f643-4ceb-a337-fc54762297f1California Proposition 65 substancesYesSpecifications and approvalsDIN 41652	Material flammability class acc. to UL 94	V-0			
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REACH ANNEX XIV substancesNot containedREACH SVHC substancesYesREACH SVHC substancesLeadECHA SCIP numberecef7555-f643-4ceb-a337-fc54762297f1California Proposition 65 substancesYesCalifornia Proposition 65 substancesLeadSpecifications and approvalsDIN 41652	China RoHS	50			
REACH SVHC substancesYesREACH SVHC substancesLeadECHA SCIP numberecef7555-f643-4ceb-a337-fc54762297f1California Proposition 65 substancesYesCalifornia Proposition 65 substancesLeadSpecifications and approvalsJIN 41652	REACH Annex XVII substances	Not contained			
REACH SVHC substancesLeadECHA SCIP numberecef7555-f643-4ceb-a337-fc54762297f1California Proposition 65 substancesYesCalifornia Proposition 65 substancesLeadSpecifications and approvalsDIN 41652	REACH ANNEX XIV substances	Not contained			
ECHA SCIP numberecef7555-f643-4ceb-a337-fc54762297f1California Proposition 65 substancesYesCalifornia Proposition 65 substancesLeadSpecifications and approvalsDIN 41652	REACH SVHC substances	Yes			
California Proposition 65 substances Yes California Proposition 65 substances Lead Specifications and approvals JIN 41652	REACH SVHC substances	Lead			
California Proposition 65 substances Lead Specifications and approvals Image: Specifications Specifications DIN 41652	ECHA SCIP number	ecef7555-f643-4ceb-a337-fc54762297f1			
Specifications and approvals Specifications DIN 41652	California Proposition 65 substances	Yes			
Specifications DIN 41652	California Proposition 65 substances	Lead			
	Specifications and approvals				
	Specifications	DIN 41652			
UL / USA UL 1977 EUBTZ.E102079	UL / CSA	UL 1977 ECBT2.E102079			

Commercial data

Packaging size	50
Net weight	22.7 g
Country of origin	Germany

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Commercial data

European customs tariff number

GTIN

eCl@ss

85366990

5713140095328

27440214 D-Sub coupler

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