

## D-Sub M 13W3 STR FE 20A UNC NM30 BL

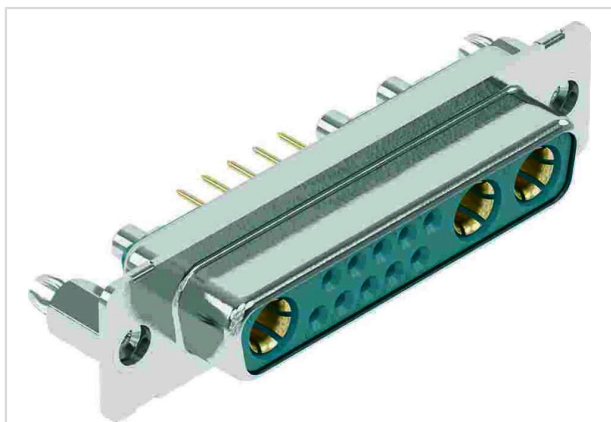


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Part number	09 69 300 9353
Specification	D-Sub M 13W3 STR FE 20A UNC NM30 BL
HARTING eCatalogue	<a href="https://b2b.harting.com/09693009353">https://b2b.harting.com/09693009353</a>

### Identification

Category	Connectors
Series	D-Sub
Identification	Mixed
Element	Connector
Description of the contact	Turned Straight

### Version

Termination method	Wave soldering termination
Gender	Female
Size	D-Sub 3
Number of contacts	13
Number of signal contacts	10
Number of power contacts	3
PCB fixing	With board locks
Locking type	Fixing flange with thread 4-40 UNC

### Technical characteristics

Contact spacing (termination side)	2.84 mm
Flange height	7.5 mm
Rated current	5 A
Rated current (power)	20 A
Insulation resistance	$>10^5 \Omega$



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## Technical characteristics

Contact resistance, signal area	≤10 mΩ
Contact resistance, power area	≤1 mΩ
Tightening torque	≤0.6 Nm Female screw lock
Limiting temperature	-55 ... +125 °C
Performance level	NM 30 (S4) 1
Mating cycles	≥500
Test voltage $U_{r.m.s.}$	1 kV
Isolation group	IIIa ( $175 \leq CTI < 400$ )
PCB thickness	1.6 mm
Hot plugging	No

## Material properties

Material (insert)	Thermoplastic resin, glass-fibre filled (PBT) Shell: steel, tin plated
Colour (insert)	Green
Material (contacts)	Copper alloy
Surface (contacts)	Gold plated Mating side Sn over Ni Termination side
Layer thickness	≥0.76 μm
Layer thickness	≥30 μinch
Material flammability class acc. to UL 94	V-0

## Specifications and approvals

Specifications	DIN 41652-1 CECC 75301-802
UL / CSA	UL 1977 ECBT2.E102079

## Commercial data

Packaging size	25
Net weight	1 g
Country of origin	Germany
European customs tariff number	85366990
GTIN	5713140217249



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## Commercial data

eCl@ss

27440214 D-Sub coupler

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