

Technical Data:

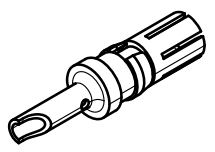
Insertion/withdrawal force per contact: $\leq 10N / \leq 1.6N$
 Mechanical operations: ≥ 500
 Contact resistance: $\leq 1 \text{ m}\Omega$
 Operation Temperature: $-55^\circ\text{C} - +125^\circ\text{C}$
 Solder temperature: according JEDEC 020C
 Suitable assembly process: leadfree wave / reflow soldering
 RoHS compliance: yes (6/6)
 Designed for use with: straight female DIN, female 2mm HM connector
 Packaging: antistatic plastic bag
 Packaging unit: 100 pieces per bag
 Marking of packaging: label or direct printed on bag
 required date see ERNI labeling spec. 254792

Current	Cable cross area	AWG
10 A	1.5 mm ²	16
20 A	4 mm ²	12
30 A	6 mm ²	10
40 A	10 mm ²	8

594176	1	40 A	2-4 $\mu\text{mNiP}+$ 0.15 $\mu\text{m Au}$	4.8	5.6	5.2
594174	1	20 A		2.8 -0.5	3.7	4.0
594172	1	10 A		1.8	2.5+0.3	3.0
294761	1	40 A	2 - 3 $\mu\text{m Ni}$ min. 1.3 $\mu\text{m Au}$	4.8	5.6	5.2
053456	1	30 A		3.45+0.1	4.5	4.7+0.6
294760	1	20 A		2.8 -0.5	3.7	4.0
294759	1	10 A		1.8	2.5+0.3	3.0
Part-No.	Class	Current	Plating	Ø A	Ø B	C

Missing informations and dimensions see at DIN 41626

M 2:1



Information:		Tolerances		Scale	5:1
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		www.ERNI.com		High Current Female Contact Hand Solder Termination	
		ERNI		053316	
H	03.06.2008			I	
Index	Date			A3	
				Class	STVSKO