



Multipole connectors



20 23

Newsbook

Extract 7/9



**SD SERIES 10 A
STAMPED CRIMP CONTACTS**

TECHNICAL FEATURES

Alternative (but not equivalent) to the turned crimp contacts series **CD**, for less demanding applications e.g., reduced current-carrying capacity.

Available with **silver plating** in one performance level for up to **500** mating cycles, either as loose part contacts or in 5 000-piece reels with.

Open crimp barrel contacts **without insulation grip**, providing tensile strength (pullout force) compliant with EN/IEC 60352 Ed. 2, lower than corresponding turned, closed crimp barrel contacts series CD (EN/IEC 60352-2 Ed.1.0 had two different curves A and B, later consolidated in the lower demanding curve B, whereas ILME CD turned contacts still claim conformity to curve A).

Q Compatible with connector inserts:

- series **CD**;
- series **CDD**;
- series **CQ** and **CQ4**:
CQF /M 07, CQF /M 12 (not the version CIF for interface to PCB), CQF /M 17, CQF /M 04/2, CQ4 03/2 (where underlined, auxiliary poles only);
- combined connector inserts series **CX**:
CXF /M 8/24, CXF /M 6/12, CXF /M 6/36, CXF /M 12/2, CX 1/2 BDF /M;
- series **MIXO** modules:
CX 12 DF / M, CX 17 DF /M, CX 42 DF /M, CX 3/4 XD, CX 01 BF /M (MIXO COAX), CX 04 BF /M (MIXO BUS 4P), CX 01 JF /M, CX 02 JF / M.

Q Derating diagrams of previous inserts / modules are under construction: expected to show ca. 10% less current-carrying capacity than when inserts employ corresponding turned contacts series CD.

Q Available in **2 sizes**:

- **1.0** for stranded copper wires with conductor cross-sectional area 0,37 mm² - 1 mm² (24-18 AWG);
- **2.5** for stranded copper wires with conductor cross-sectional area 1,5 mm² - 2,5 mm² (16-14 AWG).

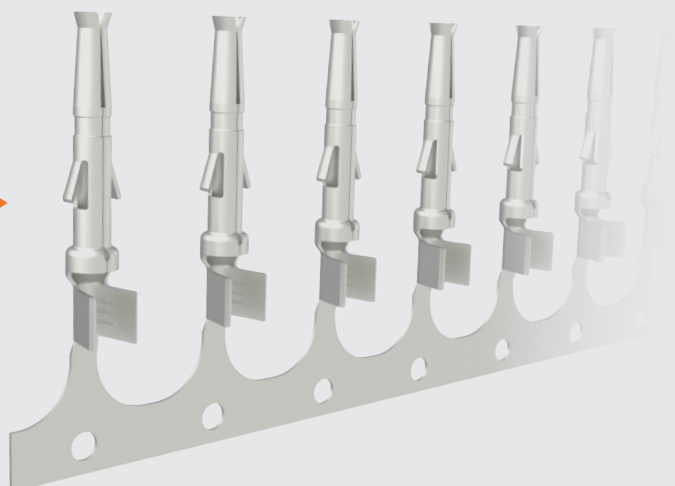
Q Crimping tools: see page 67.

Q Removal tool: same as for series CD machined crimp contacts.

✓ CERTIFICATIONS

- cURus, CQC, DNV, BV, EAC pending.
- **CE** and **UK CA** markings.
- **RoHS**: compliant.

Widening of the ILME portfolio ►
of stamped crimp contacts with
the new **SD Series (10 A)**





SDFA – SDMA 10 A stamped contacts

inserts:		page:	
CD	(10 A)	66 - 74	
CDD	(10 A)	76 - 83	
CQ	(10 A)	187 - 193	
CX 8/24	(16 A/10 A)	194	
CX 6/12 *	(10 A)	197	
CX 6/36 *	(10 A)	198	
CX 12/2 *	(40 A/10 A)	199	
RD (HNM)	(10 A)	208 - 209	
RDD (HNM)	(10 A)	210 - 213	
MIXO	(10 A/16 A)	271 - 306	

CQ4 03/2 *	16
CX 9/42 *	20
CX 08 D5/D5..2	44
CX 08 D5G/D5G..2	52
CQ 04/2E *	62

* the underlined polarities indicate those contacts that require the tools shown in this page

refer to CN.19 pages refer to News 2021 pages
refer to News 2020 pages

SD 10 A crimp contacts



Q STAMPED CONTACTS

FROM OCTOBER 2023

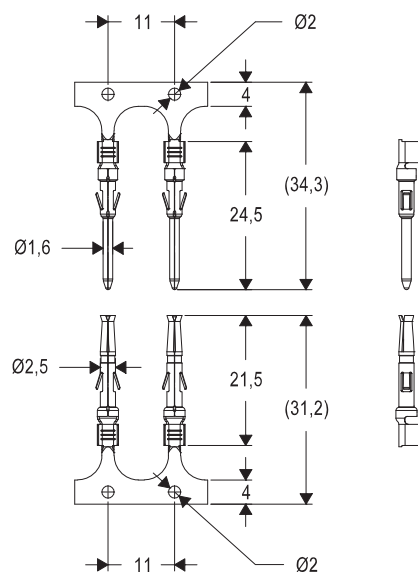
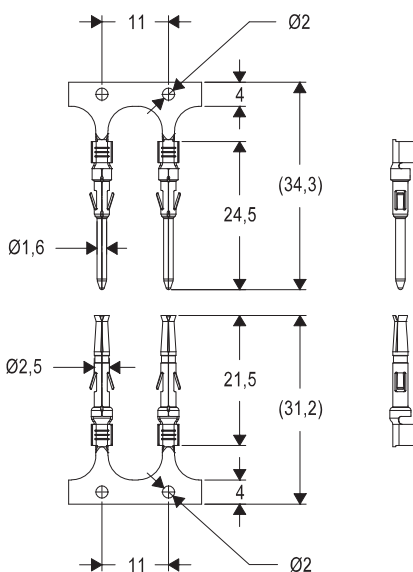
SD 10 A crimp contacts



Q STAMPED CONTACTS

FROM OCTOBER 2023

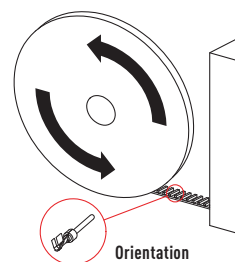
description	part No.	pcs. (1 packaging unit)	part No.	pcs. (1 packaging unit)
female stamped crimp contacts (loose parts) 0,37 mm ² - 1 mm ² AWG 24-18 1,5 mm ² - 2,5 mm ² AWG 16-14	SDFA 1.0 SDFA 2.5	200		
male stamped crimp contacts (loose parts) 0,37 mm ² - 1 mm ² AWG 24-18 1,5 mm ² - 2,5 mm ² AWG 16-14	SDMA 1.0 SDMA 2.5	200		
female stamped crimp contacts (reel package) 0,37 mm ² - 1 mm ² AWG 24-18 1,5 mm ² - 2,5 mm ² AWG 16-14	SDFA 1.0R SDFA 2.5R	5000		
male stamped crimp contacts (reel package) 0,37 mm ² - 1 mm ² AWG 24-18 1,5 mm ² - 2,5 mm ² AWG 16-14	SDMA 1.0R SDMA 2.5R	5000		



Recommended crimping tools
Loose parts: **SDPZ TP**
Reel package: suitable for stripping / crimping automated machines to be used with 5 000 pieces reels, please contact ILME S.p.A.

SDFA.. R – SDMA.. R

Reel unrolling left





Tools and accessories for crimp contacts

for contacts of inserts series

CD	(10 A)	66 - 74
CDD	(10 A)	76 - 83
CQ	(10 A)	187 - 193
CX 8/24	(16 A/10 A)	194
CX 6/12 *	(10 A)	197
CX 6/36 *	(10 A)	198
CX 12/2 *	(40 A/10 A)	199
RD (HNM)	(10 A)	208 - 209
RDD (HNM)	(10 A)	210 - 213
MIXO	(10 A/16 A)	271 - 306

page: crimping tool



insertion tool - removal tool
replacement tip



CQ4 03/2 *		16
CX 9/42 *		20
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refer to CN.19 pages refer to News 2021 pages
refer to News 2020 pages

description	part No.	part No.	part No.
pneumatic tool for 10 A SD contacts (for loose pcs) RENNSTEIG model PEW12 (crimping dies and turret head are included)	SDPZ TP		
removal tool for the extraction of contacts from the inserts for 10 A contacts		CCES	
replacement tip for CCES removal tool			CCPR RN



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