



D-Sub straight SMT connector



General information

Design	complementary to CECC 75301-802
No. of contacts	9,15,25,37
Contact spacing	Pitch is 2,76mm
Test voltage	1KV between contacts; 1,2 KV between shell and contact
Contact resistance	max. 25m0hm for contact; max.5m0hm for grounding
Insulation resistance	min. 5GΩ
Working current	5A max. at 20°C
Temperature range	-55°C ... +125°C
Termination technology	SMT
Clearance	min. 1,0mm between adjacent contacts; min.1,2mm between contacts and shell
Creepage	min. 1,0mm between adjacent contacts; min.1,2mm between contacts and shell
Insertion force	30N max. for 9P; 50N max. for 15P; 83N max. for 25P; 123N max. for 37P
Withdrawal force	3,3N min. for 9P; 4,5N min. for 15P; 7,8N min. for 25P; 11N min. for 37P
Mating cycles	250 Cycles for PL2; 500 cycles for PL1
UL file	E102079
RoHS - compliant	Yes
Hot plugging	No

Insulator material

Material	LCP (Liquid Crystalline Polymer)
Color	Black
UL classification	UL 94-V0
Material group acc. IEC 60664-1	IIIa (175 ≤ CTI < 400)

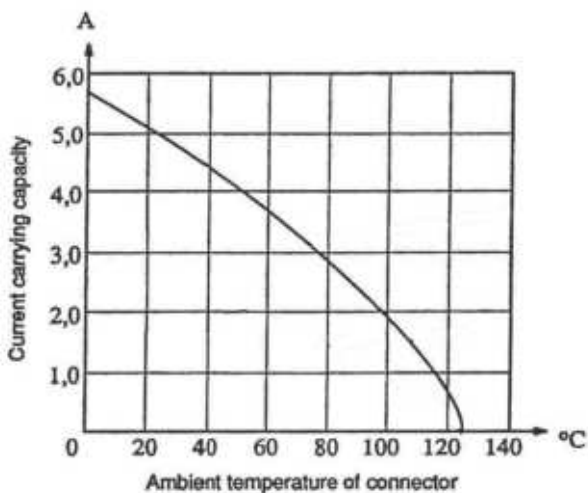
Grounding

Material	Copper alloy
Plating	Sn over Ni

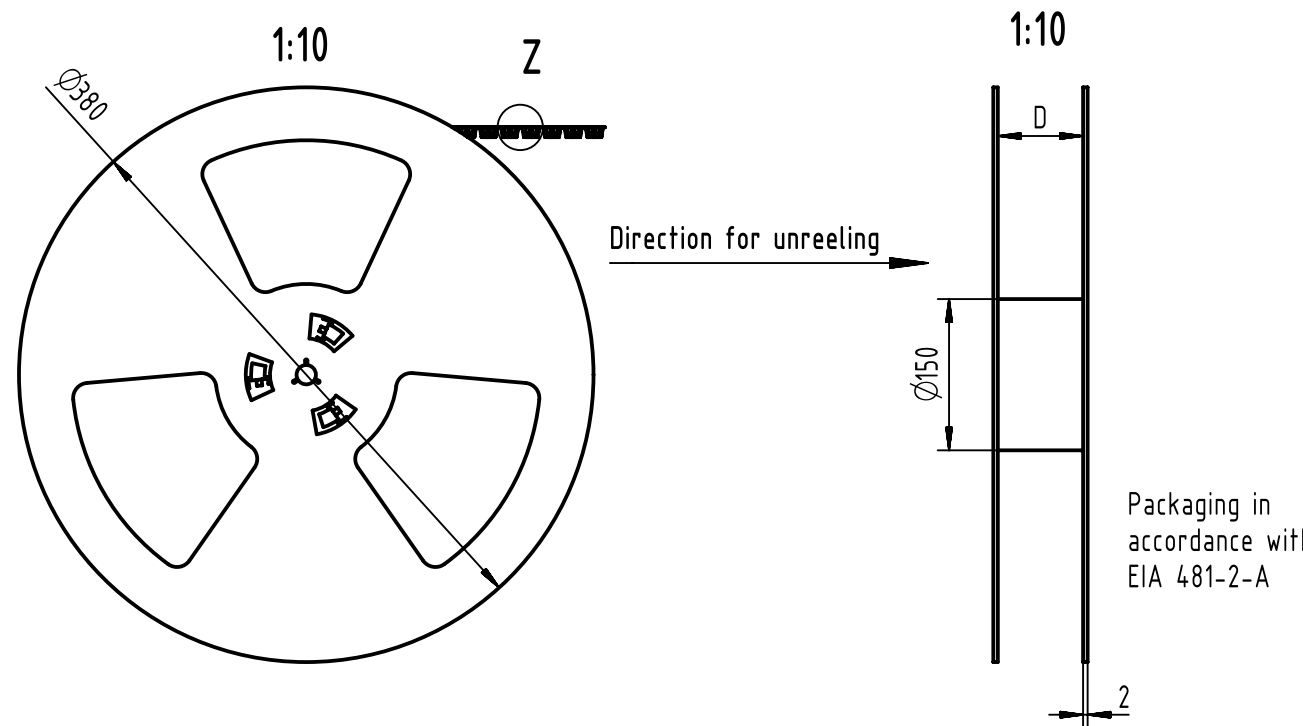
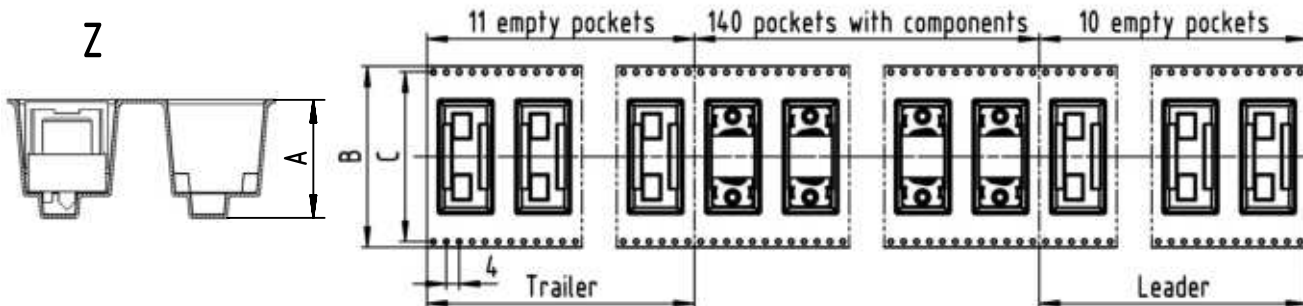
Contact material

Contact material	Copper alloy
Plating termination zone	Sn over Ni
Plating contact zone	Au over PdNi

Current carrying capacity



Packing information



Part number	A	B	C	D	Part number	A	B	C	D
0955 115 X6YZ 741	19,0	56,0	52,4	56,4	0955 155 X6YZ 741	19,0	56,0	52,4	56,4
0955 215 X6YZ 741	19,0	56,0	52,4	56,4	0955 255 X6YZ 741	19,0	56,0	52,4	56,4
0955 315 X6YZ 741	19,0	72,0	68,4	72,4	0955 355 X6YZ 741	19,0	72,0	68,4	72,4
0955 415 X6YZ 741	19,0	88,0	84,4	88,4	0955 455 X6YZ 741	19,0	88,0	84,4	88,4
0955 129 X8YZ 741	19,0	56,0	52,4	56,4	0955 169 X8YZ 741	19,0	56,0	52,4	56,4
0955 229 X8YZ 741	19,0	56,0	52,4	56,4	0955 269 X8YZ 741	19,0	56,0	52,4	56,4
0955 329 X8YZ 741	19,0	72,0	68,4	72,4	0955 369 X8YZ 741	19,0	72,0	68,4	72,4
0955 429 X8YZ 741	19,0	88,0	84,4	88,4	0955 469 X8YZ 741	19,0	88,0	84,4	88,4

X=3,6,7; Y=1,2; Z=1,2

X=3,6,7; Y=1,2; Z=1,2

		All Dimensions in mm Original Size DIN A3		Scale 1:2		Free size tol.		Ref.					
								Sub.					
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		Department EL PD											
HARTING Electronics GmbH D-32339 Espelkamp		Title D-Sub straight SMT connector										Doc-Key / ECM-Nr. 100612130/UGD/000/B 50000014.7683	
		Type DS		Number 09550200302								Rev. B	