

Part number
CDF 08



Female insert, CD series, crimp connection, 8 poles, 10 A 50 V 0,8 kV 3, size "21.21"

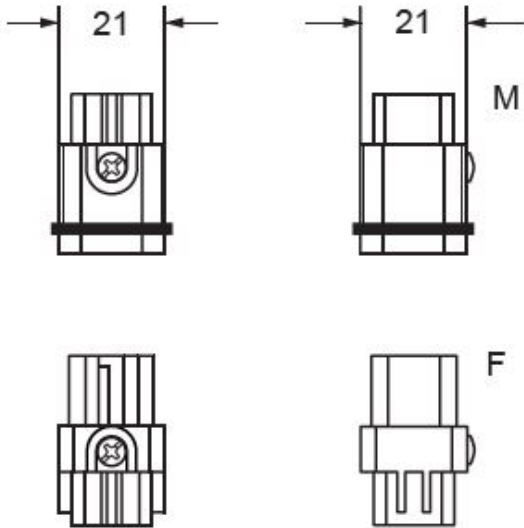
Product description		Material properties	
Product type	Insert	Main material	Polycarbonate (PC)
Series	CD	Colour	RAL 7032 grey
Connection type	Crimp connection	RoHs conformity	Compliant with exemption 6(c): copper alloy containing up to 4% lead by weight
Gender	Female	China RoHs - EFUP	50
N. of poles	8 poles	REACH SVHC substances	Yes Lead
Size	Size "21.21"	SCIP number	5a97d67d-dd49-45fe-94c0-411f951ef5ee
Specification	Standard & HNM (High Number of Matings)	Approvals / Standards	
Technical data		Reference standard	EN 61984:2009-06
Current	10 A	Certifications	CSAc, CQC, DNV, BV, EAC
Voltage	50 V	UL	ECBT2
Rated impulse withstand voltage	0,8 kV	cUL	ECBT8
Pollution degree	3	General ordering information	
Rated voltage according to UL/CSA	50 V AC/120 V DC	EAN13 code	8015747014335
IP degree of protection	IP20 without enclosure, IP44/IP66/IP67/IP68/IP69 with enclosure	eCl@ss 8.1	27440205
Further technical details		ETIM 7.0	EC000438
Characteristics according to EN 61984	10A 50V ac / 120 dc 0,8kV 3	Packaging Information	
Mating cycles	≥ 500	Packaging length	210,00 mm
Insulation resistance	≥ 10 GΩ	Packaging height	200,00 mm
Contact resistance	≤ 3 mΩ	Packaging width	130,00 mm
Weight	9,50 g	Packaging weight	2,17 kg
Operating temperature range (min, max)	-40 °C ... +125 °C	Packaging volume	5,46 dm ³
Conductors stripping length	8 mm (6 mm for 2,5 mm ²)	Packaging description	Carton box
UL 94 flammability rating	V-0	Packaging quantity	200 Pcs
Tightening torque for PE connection	M4: 1,2 Nm, 10,6 lb.in (Ph2 or 1,0x5,5mm)	Packaging EAN code	8015747103220
Tightening torque for fixing screws	M3: 0,5 Nm; 4,4 lb.in (Ph1 or 0,8 x 5,5 mm)	Sub-packaging length	197,00 mm
		Sub-packaging height	35,00 mm
		Sub-packaging width	113,00 mm
		Sub-packaging weight	0,43 kg
		Sub-packaging volume	0,78 dm ³
		Sub-packaging description	Carton tray
		Sub-packaging quantity	40 Pcs
		Sub-packaging EAN barcode	8015747103237

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Catalogue drawings



contacts side (front view)



Derating curves

CD 08 poles connector inserts
Maximum current load derating diagram

