

Part number

CQF 21



Female insert, CQ series, crimp connection, 21 poles, 6,5 A 50 V 0,8 kV 3, size "21.21"

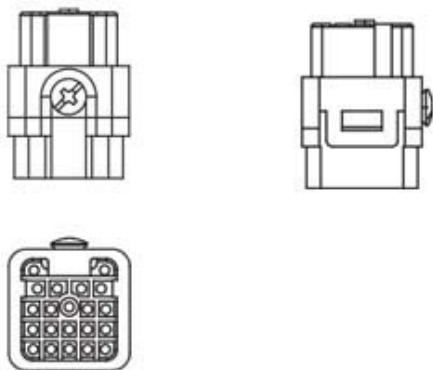
Product description		Material properties	
Product type	Insert	Main material	Polycarbonate (PC)
Series	CQ	Colour	RAL 7032 grey
Connection type	Crimp connection	RoHs conformity	Compliant with exemption 6(c): copper alloy containing up to 4% lead by weight
Gender	Female	China RoHs - EFUP	50
N. of poles	21 poles	REACH SVHC substances	Yes
Size	Size "21.21"	Lead	Lead
Specification	Standard & HNM (High Number of Matings)	SCIP number	5a97d67d-dd49-45fe-94c0-411f951ef5ee
Technical data		Approvals / Standards	
Current	5 A	Certifications	DNV, BV
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	8015747235471
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	6,5A 50V AC / 120V 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	≤ 4 mΩ	Packaging width	130,00 mm
Weight	8,00 g	Packaging weight	1,90 kg
Operating temperature range (min, max)	-40 °C ... +125 °C	Packaging volume	5,46 dm³
UL 94 flammability rating	V-0	Packaging description	Carton box
Tightening torque for fixing screws	M3: 0,5 Nm; 4,4 lb.in (Ph1 or 0,8 x 5,5 mm)	Packaging quantity	200 Pcs
		Packaging EAN code	8015747235495
		Sub-packaging length	197,00 mm
		Sub-packaging height	35,00 mm
		Sub-packaging width	113,00 mm
		Sub-packaging weight	0,38 kg
		Sub-packaging volume	0,78 dm³
		Sub-packaging description	Carton tray
		Sub-packaging quantity	40 Pcs
		Sub-packaging EAN barcode	8015747235501

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Catalogue drawings



Derating curves

CQ 21 poles connector inserts
Maximum current load derating diagram

