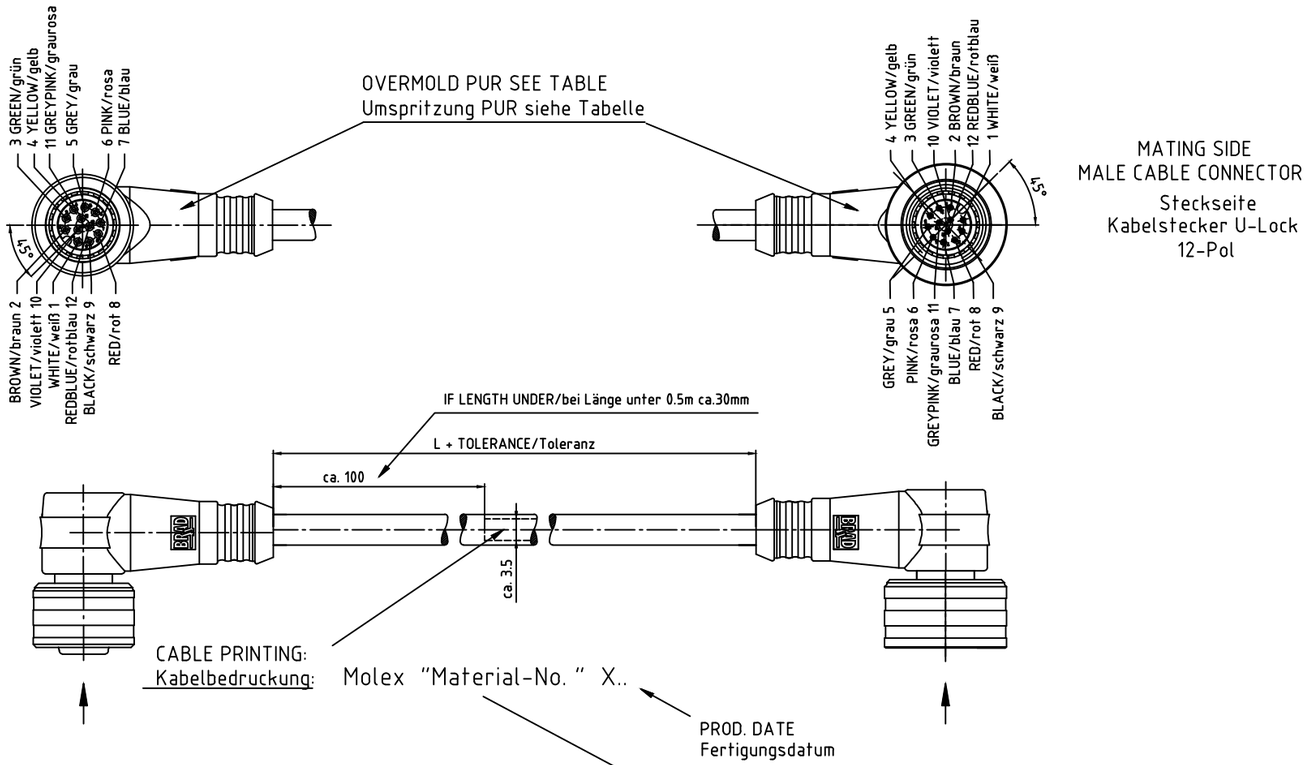


GENERAL CHARACTERISTICS	Allgemeine Kennwerte	STANDARD Norm	
NUMBER OF CONTACTS CONTACT CONFIGURATION	Polzahl Kontaktanordnumg	IEC 947-5-2	12
RATED VOLTAGE	Bemessungsspannung	IEC 664	30V AC / DC
POLLUTION DEGREE	Verschmutzungsgrad	IEC 664	3
CURRENT CARRYING CAPACITY	Betriebststom	IEC 512-3 Test 5 b	1,5A
CONTACT RESISTANCE	Durchgangswiderstand	IEC 512-2 Test 2 a	< 5mOhm
RATED IMPULSE WITHSTAND VOLTAGE	Bemessungsstoßspannung	IEC 664	0,8 kV
TEST VOLTAGE	Prüfspannung	IEC 60512-2 Test 4 A	0,5 kV / 60 sec
INSULATION RESISTANCE	Isolationswiderstand	IEC 512-2 Test 3 A	> 10 GOhm
IP DEGREE OF PROTECTION	IP-Schutzart	IEC 529	IP 67
PIN DIAMETER	Stiftdurchmesser		0,6 mm
MATERIALS / CONTACTS	Werkstoffe / Kontakte		COPPER ALLOY / Kupferlegierung
MATERIALS / CONTACTS PLATING	Kontaktoberfläche		Au/Ni
MATERIALS / DIELECTRIC MATERIAL	Kontaktträger		PUR
MATERIALS / HOUSING (OVERMOLD)	Gehäuse (Umspritzung)		PUR
MATERIALS / GASKETS (O-RING)	Dichtung (O-Ring)		VITON
MATERIALS / PUSH SLEEVE	Schiebehülse		CuZn (BRASS) WITH/mit NICKEL PLATED / Ni-Oberfläche
TERMINATION	Anschlussart		CRIMP
FLAMMABILITY / INSERTS	Brennbarkeit / Kontaktträger	UL 94	HB
FLAMMABILITY / HOUSING (OVERMOLD)	Gehäuse (Umspritzung)		HB
FLAMMABILITY / CABLE	Leitung / Kabel		DIN EN265-2-1/UL1581-VW1-Page 95A
MECHANICAL OPERATION	Mechanische Lebensdauer		100 MATING CYCLES/Steckzyklen
TEMPERATURE RANGE	Temperaturbereich	IEC 60668-1	-25°C / +90°C

PART-NUMBER	ENGINEERING NO.	DESCRIPTION	OVERMOLD COLOR	LENGTH
Teile-Nummer	Engineering Nr.	Beschreibung	Umspritzungsfarbe	Länge L
1200805023	WWC033H45M010	CSE U12 U12 12P AC FE RA PUR MA RA 1M DE UNSH BK	BLACK/schwarz	1000 +20/-10
1200805024	WWC033H45M020	CSE U12 U12 12P AC FE RA PUR MA RA 2M DE UNSH BK	BLACK/schwarz	2000 ±25
1200805026	WWC033H45M040	CSE U12 U12 12P AC FE RA PUR MA RA 4M DE UNSH BK	BLACK/schwarz	4000 ±25
1200805027	WWC033H45M050	CSE U12 U12 12P AC FE RA PUR MA RA 5M DE UNSH BK	BLACK/schwarz	5000 ±25

(...) DIM. FOR INFORMATION
(...) Informationsmaß

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

FUNCTIONAL SYMBOLS: FA=0, FC=0, FP=0
DIVISIONAL SYMBOLS

DIMENSION UNITS: MM
SCALE: 1:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	±----	±----
3 PLACES	±----	±----
2 PLACES	±0.05	±----
1 PLACE	±0.3	±----
0 PLACES	±0.5	±----
ANGULAR TOL ± 1.0 °		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: OBSOLETED PART NUMBERS AS PER PCN#506884

EC NO: 662770
DRWN: SUGEEB 2021/04/01
CHK'D: SUGEEB 2021/04/01
APPR: GGA 2021/06/02

INITIAL REVISION:
DRWN: LSTEMMLE 2009/03/24
APPR: REISSNER 2009/03/25

THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 120080

molex

CSE U12 U12 12P AC FE RA
PUR MA RA XM DE UNSH BK

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-120080-004	PSD	001	A

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	GENERAL MARKET	SEE TABLE

DOCUMENT STATUS	P1	RELEASE DATE	2021/06/02 05:42:45

FORMAT: ACAD-lb-prod-A3
REVISION: B
DATE: 2020/01/14

Unikeyic Electronics

Global Electronic Components Distributor

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194290026 351820290 528523070 502585-0370 347910140 459850483 502380-0800 5023860371
0464363133 197134001 355240920 502584-1060 0194360214 528061110 503988100 194270031
194290039 347072012 348242245 357470310 34708-2028 348268126 349672001 464373005 528520870
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