



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



J

I

H

G

F

E

D

C

B

A

J

I

H

G

F

E

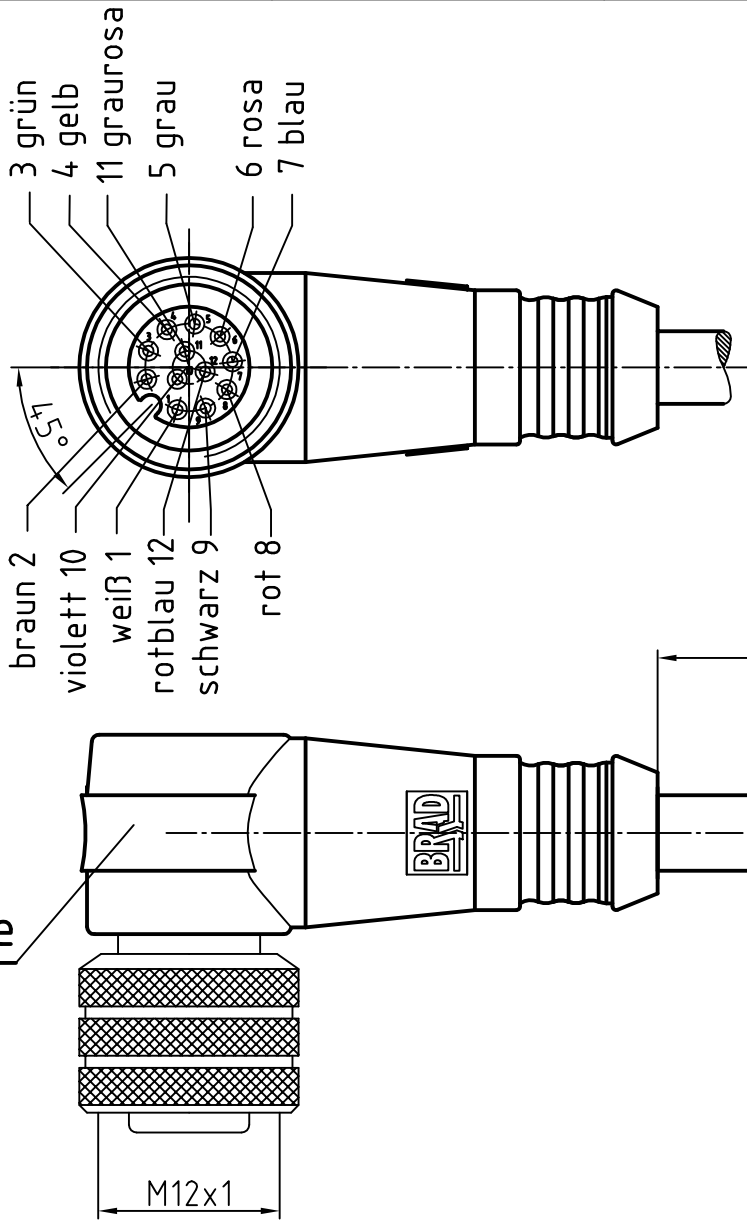
D

C

B

A

Mating Side
Female Cable Connector/
Steckseite
Kabeldose
12-Pol



Overmold PUR see Table
Umspritzung PUR siehe Tabelle

Allgemeine Kennwerte General Characteristics			Norm Standard	
Polzahl Kontaktanordnung		Number of contacts Contact configuration	IEC 947-5-2	12
Bemessungsspannung		Rated Voltage	IEC 664	30V AC / DC
Verschmutzungsgrad		Pollution Degree	IEC 664	3
Betriebsstrom		Current carrying capacity	IEC 512-3 Test 5 b	1,5A
Durchgangswiderstand		Contact Resistance	IEC 512-2 Test 2 a	< 5mOhm
Bemessungsstoßspannung		Rated Impulse Withstand Voltage	IEC 664	0,8 kV
Prüfspannung		Test Voltage	IEC 60512-2 Test 4 A	0,5 kV / 60 sec
Isolationswiderstand		Insulation Resistance	IEC 512-2 Test 3 A	> 10 GOhm
IP-Schutzart		IP Degree of Protection	IEC 529	IP 67
Stiftdurchmesser		Pin Diameter		0,6 mm
Werkstoffe	Kontakte	Materials	Contacts	Kupferlegierung / copper alloy
	Kontakttoberfläche		Contacts Plating	Au/Ni
	Kontaktträger		Dielectric Material	PUR
	Gehäuse (Umspritzung)		Housing (Overmold)	PUR
	Dichtung (O-Ring)		Gaskets (O-Ring)	VITON
	Schraubhülse		Screw Sleeve	CuZn (brass) mit Ni-Oberfläche Nickel Plated
Anschlussart		Termination		Crimp
Brennbarkeit	Kontaktträger	Flammability	Inserts	HB
	Gehäuse (Umspritzung)		Housing (Overmold)	HB
	Leitung / Kabel		Cable	DIN EN265-2-1/UL1581-VW1-Page 95A
Mechanische Lebensdauer		Mechanical Operation		100 Steckzyklen/Mating Cycles
Temperaturbereich		Temperature Range	IEC 60668-1	-25°C / +90°C

SAP-Nummer	Engineering Nr.:	Umspritzungsfarbe	Länge
SAP-Nummer		Overmold Color	Length
1200655099	80C001H45M020	yellow	2M
1200655100	80C001H45M040	yellow	4M
1200655101	80C001H45M050	yellow	5M
1200655102	80C001H45M060	yellow	6M
1200655103	80C001H45M100	yellow	10M
1200655104	80C001H45M020G	black	2M
1200655105	80C001H45M040G	black	4M
1200655106	80C001H45M050G	black	5M
1200655107	80C001H45M060G	black	6M
1200655108	80C001H45M100G	black	10M

(...) Dim. for information
(...) Informationsmaß

DESCRIPTION EC NO: WEU2009-0137 DRWN: LSTEMMLE 2008/10/07 CHKD: LS 2008/11/06 APPR: USAEUFFE 2008/11/26	QUALITY SYMBOLS ▽ = 0 ▽C = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM		SCALE 2:1	DESIGN UNITS METRIC	FIRST ANGLE PROJECTION		
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	mm	INCH	DRAWN BY LS		DATE 2008/10/07		M12-12P-BU-W-PUR-XM	
			4 PLACES ±----	±----	CHECKED BY		DATE		----	
			3 PLACES ±---	±----	US		2008/11/06		----	
			2 PLACES ±0.05	±----	APPROVED BY		DATE			
			1 PLACE ±0.10	±----	----		----			
		ANGULAR ± --- °		MATERIAL NO. see table		DOCUMENT NO. SD-80C001H45MXXX		SHEET NO. 1 OF 1		
2	REV			SIZE A2		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				