



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!



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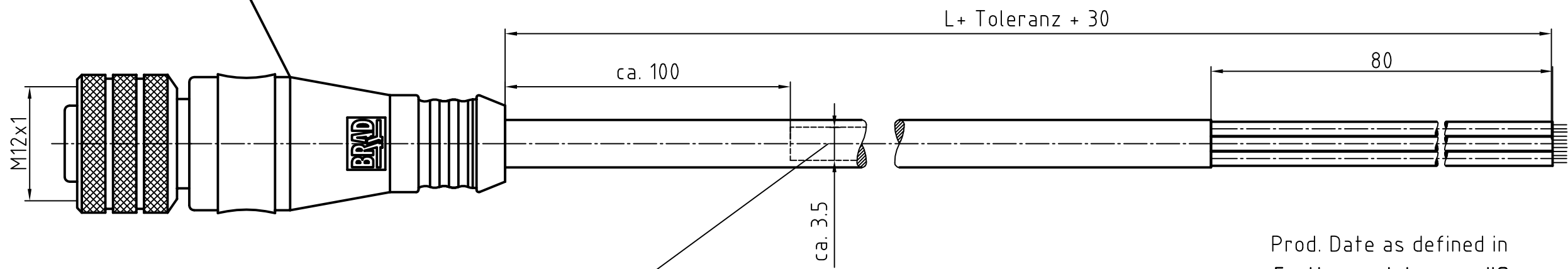
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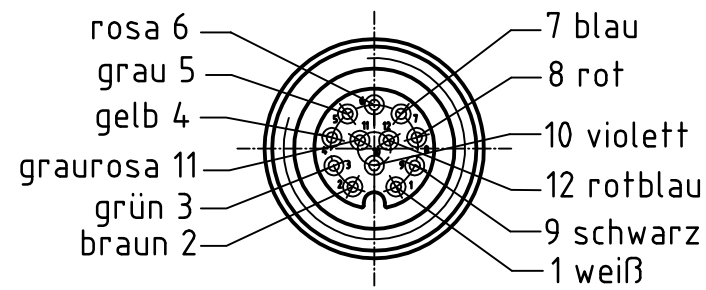
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Overmold PUR see Table
Umspritzung PUR siehe Tabelle



Mating Side
Female Cable Connector/
Steckseite
Kabeldose
12-Pol



Kabelbedruckung: Woodhead Connectivity GmbH 80C000H45MXXX X..
Cable printing:

Prod. Date as defined in
Fertigungsdatum gemäß
WN 00001 aufdrucken

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
	Kontaktoberfläche		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	Flammfähigkeit	Inserts	UL 94 HB
	Gehäuse (Umspritzung)		Housing (Overmold)	
	Leitung / Kabel		Cable	
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
1200655040	80C000H45M020	yellow	2M
1200655041	80C000H45M040	yellow	4M
1200655042	80C000H45M050	yellow	5M
1200655043	80C000H45M060	yellow	6M
1200655044	80C000H45M100	yellow	10M
1200655052	80C000H45M020G	black	2M
1200655053	80C000H45M040G	black	4M
1200655054	80C000H45M050G	black	5M
1200655055	80C000H45M060G	black	6M
1200655056	80C000H45M100G	black	10M

Toleranzen Maß L: sichtbare Kabellänge
bei M8 , M12 und M12U

von 0 bis 0.6 m:	±10 mm
über 0.6 bis 1 m:	+30 / -10 mm
über 1 bis 5 m:	±25 mm
über 5 bis 20 m:	±30 mm
über 20 m:	±50 mm

BU/ BLUE
WH/WHITE
GN/ GREEN
GY/ GREY
PK/ PINK
YE/ YELLOW
RD/ RED
BK/ BLACK
VT/ VIOLET
BN/ BROWN

bl/blau
ws/weiß
gn/ grün
gr/ grau
rs/ rosa
ge/ gelb
rt/ rot
sw/schwarz
vi/ violett
bn/ braun

DESCRIPTION EC NO: WEU2009-0137 DRWN: LSTEMMLE 2008/07/22 CHKD: LS 2008/11/06 APPR: USAEUFFE 2008/11/26	QUALITY SYMBOLS ▽ = 0 ▽C = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE		SCALE	DESIGN UNITS	FIRST ANGLE PROJECTION				
					MM		2:1	METRIC					
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		mm	INCH	DRAWN BY	DATE	M12-12P-BU-Z-PUR-XM ----- -----					
				4 PLACES	±----	±----	LS						2008/07/22
				3 PLACES	±----	±----	CHECKED BY						DATE
				2 PLACES	±0.05	±----	US	2008/11/06					
				1 PLACE	±0.1	±----	APPROVED BY	DATE					
ANGULAR ± --- °			-----	-----	molex MOLEX INCORPORATED								
2	REV				MATERIAL NO.		DOCUMENT NO.		SHEET NO.				
					see table		SD-80C000H45MXXX		1 OF 1				
			SIZE A2		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								

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