



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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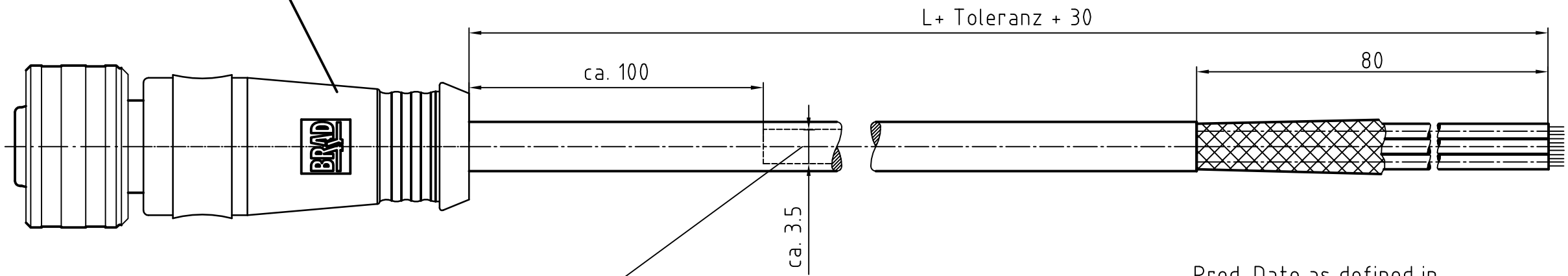
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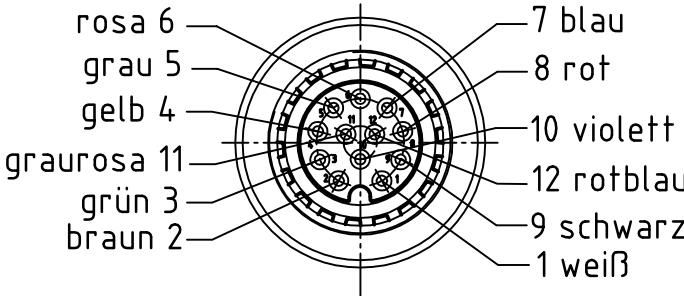
Overmold PUR see Table
Umspritzung PUR siehe Tabelle



Cable printing:
Kabelbedruckung: Woodhead Connectivity GmbH W0CS00P45MXXX

Prod. Date as defined in
Fertigungsdatum gemäß
WN 00001 aufdrucken

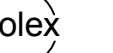
Mating Side
Female Cable Connector shielded/
Steckseite
Kabeldose U-L. geschirmt
12-Pol



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	< 5m0hm
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 G0hm
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
	Schiebehülse		Push Sleeve	CuZn (brass) mit Ni-Oberfläche Nickel Plated
Anschlussart		Termination		Crimp
Brennbarkeit	Kontaktträger	Flammfähigkeit	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

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

SAP-Nummer	Engineering Nr.:	Umspritzungsfarbe	Länge
SAP-Number		Overmold Color	Length
1200835010	W0CS00P45M020	yellow	2M
1200835011	W0CS00P45M040	yellow	4M
1200835012	W0CS00P45M050	yellow	5M
1200835013	W0CS00P45M060	yellow	6M
1200835014	W0CS00P45M100	yellow	10M
1200835025	W0CS00P45M020G	black	2M
1200200004	W0CS00P45M030G	black	3M
1200835026	W0CS00P45M040G	black	4M
1200835027	W0CS00P45M050G	black	5M
1200835028	W0CS00P45M060G	black	6M
1200835029	W0CS00P45M100G	black	10M

DESCRIPTION EC NO: WEU2009-0137 DRWN: LSTEMMLE 2008/07/23 CHKD: LS 2008/11/06 APPR: USAEUFFE 2008/11/26	QUALITY SYMBOLS	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE		SCALE	DESIGN UNITS	 FIRST ANGLE PROJECTION	
						MM		2:1	METRIC		
						DRAWN BY	DATE	M12US-12P-BU-Z- PUR/SCHIRM-XM ----			
						LS	2008/07/23				
						CHECKED BY	DATE	MOLEX INCORPORATED			
						US	2008/11/06				
						APPROVED BY	DATE				
3	REV		 = 0								
			 = 0								
			mm			INCH					
4 PLACES			±----			±----					
3 PLACES			±----			±----					
2 PLACES			±0.05			±----					
1 PLACE			±0.1			±----					
			ANGULAR ± --- °								
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			MATERIAL NO.		DOCUMENT NO.		SHEET NO.	
						see table		SD-W0CS00P45MXXX		1 OF 1	
						SIZE A2	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

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