



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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REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
A1		ECR-14-015049	13OCT2014	GSK	BvH
A2		ECR-16-003945	16MAR2016	GSK	BvH

NOTES:  
 Tolerances cable lengths:  
 0m to 0.5m +30mm  
 0.5m to 1.0m +50mm  
 1.0m to 3.0m +100mm  
 < 3.0m +1.5%

Schematic diagram

Contact Layout

Female: 1, 2, 3, 4, 5

Male: 1, 2, 3, 4, 5

TECHNICAL DATA	
Operating voltage	24 V DC ±25 %
Operating current per contact	max. 4 A
Locking of ports	Screw thread M12 x 1 mm (recommended torque 0.6 Nm) self-securing
Protection	IP65 and IP67 when plugged and screwed down (EN 60529)

PUR/PVC CABLE	
No./diameter of wires	5 x 0.34 mm <sup>2</sup>
Wire isolation	PVC (br, wh, bl, bk, gnye)
C-track properties	2 million
Jacket	PUR/PVC
Outer diameter	approx. 5.9 mm
Bend radius (moving)	15 x outer diameter
Temperature range (fixed)	-30...+80 °C
Temperature range (mobile)	-5...+80 °C

CABLE	
No./diameter of wires	5 x 0.34 mm <sup>2</sup>
Wire isolation	PP (br, wh, bl, bk, gnye)
C-track properties	10 million
Jacket	PUR (UL/CSA), welding spark res.
Outer diameter	approx. 5.0 mm
Bend radius (moving)	10 x outer diameter
Temperature range (fixed)	-40...+90 °C
Temperature range (mobile)	-25...+90 °C

LENGTH "L"	MATERIAL	JACKET COLOR	TE PN	DESCRIPTION	ITEM
5 pos	SPARK RESISTANT	Black	3-2273127-5	5x22AWG SPARK RES 2.0m	20
			3-2273127-4	5x22AWG SPARK RES 1.5m	19
			3-2273127-3	5x22AWG SPARK RES 1.0m	18
			3-2273127-2	5x22AWG SPARK RES 0.6m	17
			3-2273127-1	5x22AWG SPARK RES 0.3m	16
5 pos	PUR/PVC	Black	2-2273127-5	5x22AWG PUR/PVC 2.0m	15
			2-2273127-4	5x22AWG PUR/PVC 1.5m	14
			2-2273127-3	5x22AWG PUR/PVC 1.0m	13
			2-2273127-2	5x22AWG PUR/PVC 0.6m	12
			2-2273127-1	5x22AWG PUR/PVC 0.3m	11

TECHNICAL DATA	
Operating voltage	24 V DC ±25 %
Operating current per contact	max. 4 A
Locking of ports	Screw thread M12 x 1 mm (recommended torque 0.6 Nm) self-securing
Protection	IP65 and IP67 when plugged and screwed down (EN 60529)

PUR CABLE	
No./diameter of wires	5 x 0.34 mm <sup>2</sup>
Wire isolation	PP (br, wh, bl, bk, gnye)
C-track properties	5 million
Jacket	PUR (UL/CSA)
Outer diameter	approx. 5.0 mm
Bend radius (moving)	10 x outer diameter
Temperature range (fixed)	-40...+80 °C
Temperature range (mobile)	-25...+80 °C

PVC CABLE	
No./diameter of wires	5 x 0.34 mm <sup>2</sup>
Wire isolation	PVC (br, wh, bl, bk, gnye)
C-track properties	
Jacket	PVC (UL/CSA)
Outer diameter	approx. 5.2 mm
Bend radius (moving)	10 x outer diameter
Temperature range (fixed)	-30...+80 °C
Temperature range (mobile)	-5...+80 °C

LENGTH "L"	MATERIAL	JACKET COLOR	TE PN	DESCRIPTION	ITEM
5 pos	PVC	Black	1-2273127-5	5x22AWG PVC 2.0m	10
			1-2273127-4	5x22AWG PVC 1.5m	9
			1-2273127-3	5x22AWG PVC 1.0m	8
			1-2273127-2	5x22AWG PVC 0.6m	7
			1-2273127-1	5x22AWG PVC 0.3m	6
5 pos	PUR	Black	2273127-5	5x22AWG PUR 2.0m	5
			2273127-4	5x22AWG PUR 1.5m	4
			2273127-3	5x22AWG PUR 1.0m	3
			2273127-2	5x22AWG PUR 0.6m	2
			2273127-1	5x22AWG PUR 0.3m	1

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN YATHISH.C 02DEC2013	<b>TE</b> TE Connectivity	
DIMENSIONS: mm		CHK B.VELDHOVEN 02DEC2013		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD A.VAN ZANDVOORT 02DEC2013	NAME M12 ANGLD SCKT TO M12 STRGHT PLG 3 LED	
0 PLC ± -		PRODUCT SPEC 108-19483	SIZE CAGE CODE DRAWING NO RESTRICTED TO	
1 PLC ± -		APPLICATION SPEC 114-32127	A2 00779 C=2273127	
2 PLC ± -		WEIGHT	SCALE NTS SHEET 1 OF 1 REV A2	
3 PLC ± -		MATERIAL		
4 PLC ± -		FINISH		
ANGLES ± -		CUSTOMER DRAWING		

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