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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%

TECHNICAL DATA	
Operating voltage	max. 250 V AC/DC
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	4 x 0.34 mm²
Wire isolation	PP (br, wh, bl, bk)
C-track properties	5 million
Jacket	PUR (UL/CSA)
Outer diameter	approx. 4.7 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	4 x 0.34 mm²
Wire isolation	PVC (br, wh, bl, bk)
C-track properties	
Jacket	PVC (UL/CSA)
Outer diameter	approx. 5.0 mm
Bend radius (moving)	10 x outer diameter
Temperature range (fixed)	−30...+80 °C
Temperature range (mobile)	−5...+80 °C

CONTACT LAYOUT

Male

Female

SCHEMATIC DIAGRAM

4 pos	2.0mtr	PVC	Black	1-2273121-5	4x22AWG PVC 2.0m	10
4 pos	1.5mtr			1-2273121-4	4x22AWG PVC 1.5m	9
	1.0mtr			1-2273121-3	4x22AWG PVC 1.0m	8
	0.6mtr			1-2273121-2	4x22AWG PVC 0.6m	7
	0.3mtr			1-2273121-1	4x22AWG PVC 0.3m	6
	2.0mtr	2273121-5	4x22AWG PUR 2.0m	5		
4 pos	1.5mtr	PUR	Black	2273121-4	4x22AWG PUR 1.5m	4
	1.0mtr			2273121-3	4x22AWG PUR 1.0m	3
	0.6mtr			2273121-2	4x22AWG PUR 0.6m	2
	0.3mtr			2273121-1	4x22AWG PUR 0.3m	1

LENGTH "L"	MATERIAL	JACKET COLOR	TE PN	DESCRIPTION	ITEM
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THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC	± -
1 PLC	± -
2 PLC	± -
3 PLC	± -
4 PLC	± -
ANGLES	± -
FINISH	-

MATERIAL

-

DWN
SATHISH KUMAR .G
CHK
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APVD
A.VAN ZANDVOORT

04DEC2013
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PRODUCT SPEC
108-19483
APPLICATION SPEC
114-32127
WEIGHT

CUSTOMER DRAWING

TE Connectivity

NAME
M12 ANGLED PLUG TO M12 STRGT SOCKET AA

SIZE
A3

CAGE CODE
00779

DRAWING NO
C-2273121

RESTRICTED TO
-

SCALE
NTS

SHEET
1 OF 1

REV
A2

Mouser Electronics

Authorized Distributor

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[1-2273121-4](#)