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LOC	DIST
E	B

REVISIONS

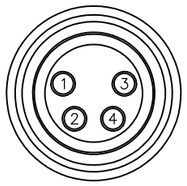
P	LTR	DESCRIPTION	DATE	DWN	APVD
	C	ECR-07-030288	14/12/2007	JMS	FWK
	C1	ECR-10-015172	13AUG10	RK	JK
	C2	ECR-10-024009	14FEB11	RK	JK

NOTES:

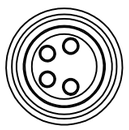
1. ELECTRICAL DATA: CONTACT RESISTANCE: 10 mOhm MAX
   INSULATION RESISTANCE: 100 MOhm MIN at 500VDC
   CURRENT RATING: 5 AMPS
   BREAKDOWN VOLTAGE: 500 VAC MIN PER MINUTE
2. ENVIRONMENTAL: OPERATING TEMPERATURE: -20°C TO +80°C
   SEALING REQUIREMENTS: IP67
3. PROD SPEC: 108-3641
4. PACKAGING: 107-3334
5. FOR TECHNICAL DATA REFER TO YOUR LOCAL TYCO ELECTRONICS SALES OFFICE
6. ALL DIMENSIONS ARE NOMINAL FOR REFERENCE ONLY UNLESS OTHERWISE STATED

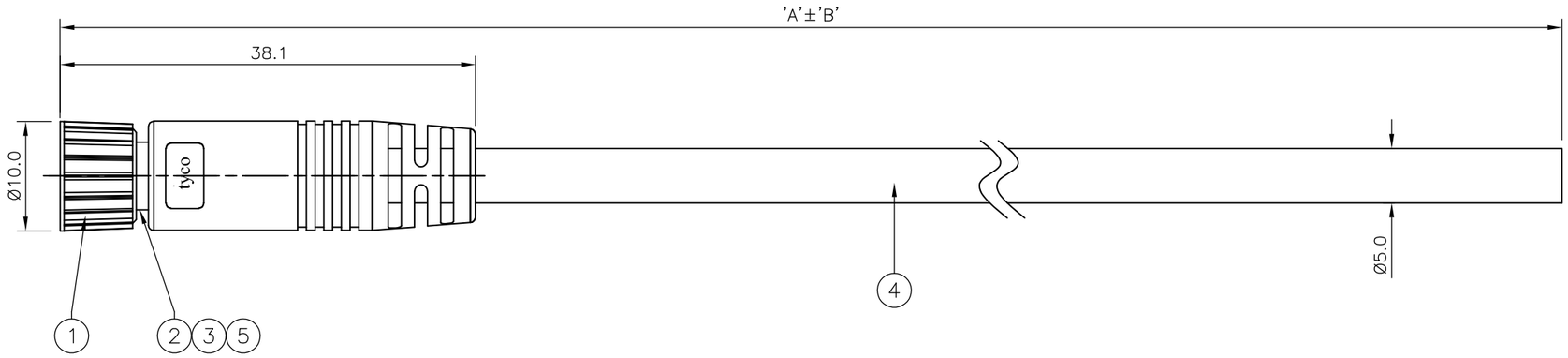
ITEM	DESCRIPTION	MATERIAL	FINISH/COLOUR	QTY
1	SCREW NUT	ZINC DIE CAST	2.5µm NICKEL PLATED	1
2	CONNECTOR BODY	POLYURETHANE	BLACK	1
3	SOCKET CONTACT	BRASS	0.15µm GOLD OVER NICKEL	4
4	4 CORE CABLE (CORES 22AWG TO UL2464)	PVC JACKET UV RESISTANT	BLACK	1
5	'O' RING	VITON	GREEN	1

PIN ASSIGNMENTS
FRONT VIEW



PIN	WIRE COLOUR
4	BLACK
3	BLUE
2	WHITE
1	BROWN





OBSOLETE	500	40 mm	M8 STRAIGHT FEMALE CONNECTOR 0.5m CABLE	1-1838284-1
OBSOLETE	10000	500 mm	M8 STRAIGHT FEMALE CONNECTOR 10.0m CABLE	1838284-5
OBSOLETE	7000	350 mm	M8 STRAIGHT FEMALE CONNECTOR 7.0m CABLE	1838284-4
	5000	250 mm	M8 STRAIGHT FEMALE CONNECTOR 5.0m CABLE	1838284-3
OBSOLETE	3000	150 mm	M8 STRAIGHT FEMALE CONNECTOR 3.0m CABLE	1838284-2
OBSOLETE	2000	100 mm	M8 STRAIGHT FEMALE CONNECTOR 2.0m CABLE	1838284-1
	DIM A	TOL 'B'	DESCRIPTION	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ± –
1 PLC ± –
2 PLC ± –
3 PLC ± –
4 PLC ± –
ANGLES ± –

MATERIAL –
FINISH –

DWN MANJUNATH.T.N 29MAR06
CHK F.WHEELER-KING 07AUG06
APVD F.WHEELER-KING 07AUG06
PRODUCT SPEC –
APPLICATION SPEC –
WEIGHT –

Tyco Electronics
Tyco Electronics Corporation
Bideford, UK, EX39 4HE

NAME
M8 STRAIGHT FEMALE CONNECTOR WITH STRAIN RELIEF 4 POSITION, PVC CABLE
–

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A3	00779	C-1838284	–

CUSTOMER DRAWING

SCALE	SHEET	REV
NTS	1 OF 1	C2