

LOC	DIST	REVISIONS				
P	LTR	DESCRIPTION		DATE	DWN	APVD
	B	ECR-07-011927		16/05/07	AM	FWK

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: -25°C TO +90°C

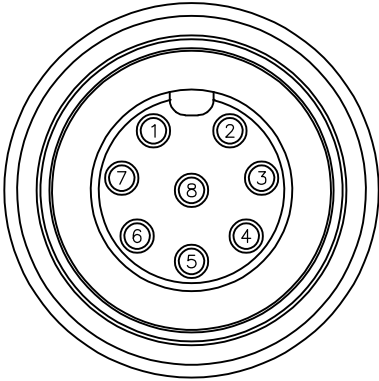
SEALING REQUIREMENTS: IP67
3. PROD SPEC:

108-3641
4. PACKAGING:

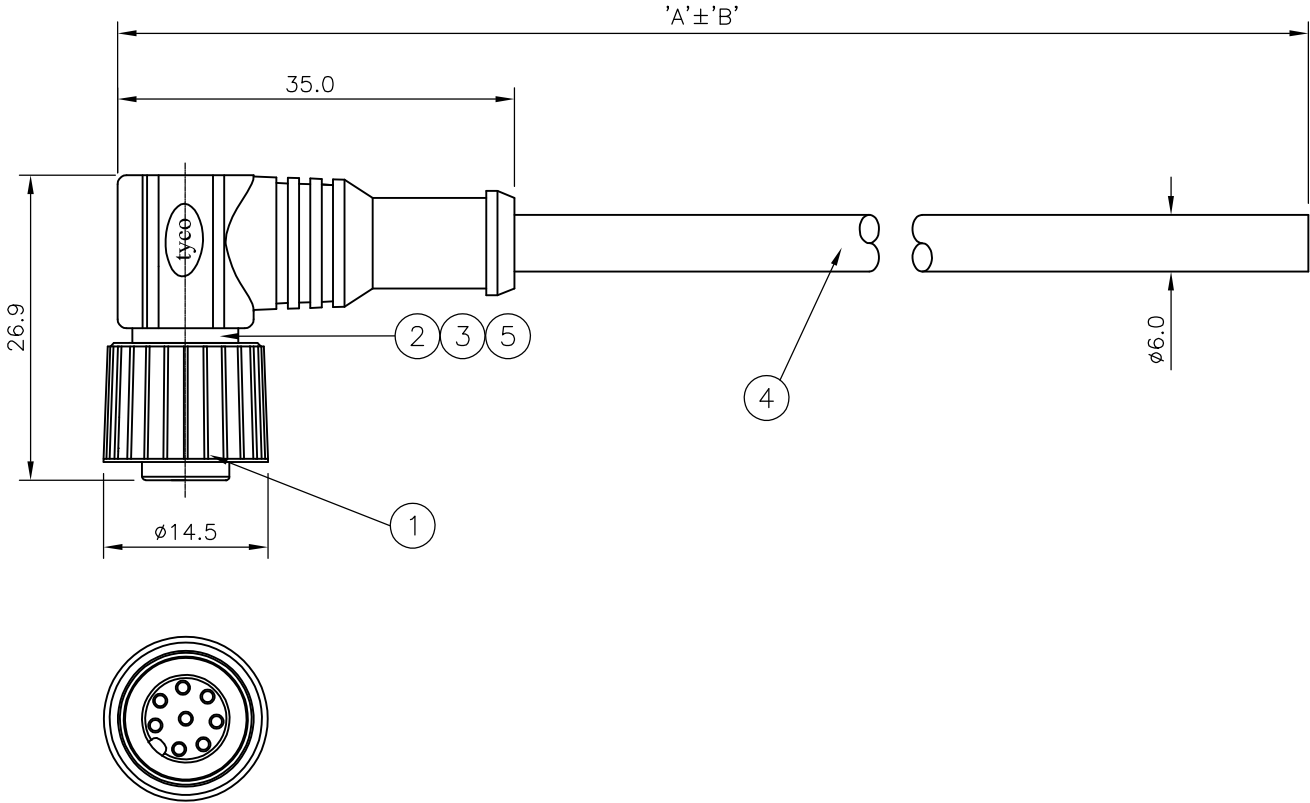
107-3334
5. FOR TECHNICAL DATA REFER TO YOUR LOCAL TYCO ELECTRONICS SALES OFFICE
6. ALL DIMENSIONS ARE NOMINAL FOR REFERENCE ONLY UNLESS OTHERWISE STATED

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	8
4	8 CORE CABLE (CORES 0.25mm²/24AWG)	PU JACKET HAL FREE	BLACK	1
5	'O' RING	VITON	GREEN	1

PIN ASSIGNMENTS
FRONT VIEW



8	GREY
7	PURPLE
6	BLUE
5	GREEN
4	YELLOW
3	ORANGE
2	RED
1	BROWN
PIN	WIRE COLOUR



10000	500 mm	M12 RIGHT ANGLED FEMALE CONNECTOR 10.0m CABLE	1838392-5
7000	350 mm	M12 RIGHT ANGLED FEMALE CONNECTOR 7.0m CABLE	1838392-4
5000	250 mm	M12 RIGHT ANGLED FEMALE CONNECTOR 5.0m CABLE	1838392-3
3000	150 mm	M12 RIGHT ANGLED FEMALE CONNECTOR 3.0m CABLE	1838392-2
2000	100 mm	M12 RIGHT ANGLED FEMALE CONNECTOR 2.0m CABLE	1838392-1
DIM A	TOL 'B'	DESCRIPTION	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN MANJUNATH.T.N 04APR06	tyco Electronics Tyco Electronics Corporation Bideford, UK, EX39 4HE	
DIMENSIONS: mm		CHK F.WHEELER-KING 07AUG06		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD F.WHEELER-KING 07AUG06	NAME M12 RIGHT ANGLED FEMALE CONNECTOR WITHOUT STRAIN RELIEF 8 POSITION, PU CABLE	
0 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± - 4 PLC ± - ANGLES ± -		PRODUCT SPEC —		
MATERIAL —		APPLICATION SPEC —	SIZE A3	CAGE CODE 00779
FINISH —		WEIGHT —	DRAWING NO C-1838392	RESTRICTED TO —
CUSTOMER DRAWING			SCALE NTS	SHEET 1 OF 1
			REV B	