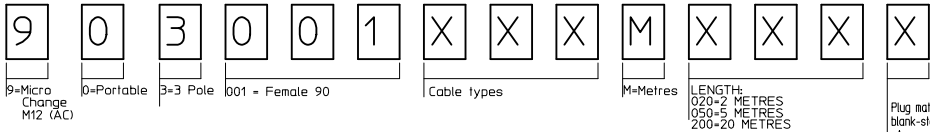


PART No MATRIX



E11 CABLE SPECIFICATION:

CONDUCTOR:  
MATERIAL: PVC  
CROSS SECTION: 0.34 mm<sup>2</sup>  
INSULATION:  
MATERIAL: PVC  
DIAMETER: 1.55±0.05 mm  
JACKET:  
MATERIAL: PVC  
COLOR: YELLOW  
DIAMETER: 5.1±0.1 mm  
TEMPERATURE RANGE:  
DYNAMIC: -5°C TO +70°C  
STATIC: -30°C TO +70°C  
VOLTAGE: 300V

S26 CABLE SPECIFICATION:

CONDUCTOR:  
MATERIAL: PVC  
CROSS SECTION: 0.34 mm<sup>2</sup>  
DIAMETER: 1.40±0.10 mm  
JACKET:  
MATERIAL: PVC  
COLOR: YELLOW  
DIAMETER: 6.2 mm min / 6.4 mm max  
TEMPERATURE RANGE:  
DYNAMIC: -5°C TO +70°C  
STATIC: -30°C TO +70°C  
VOLTAGE: 300V

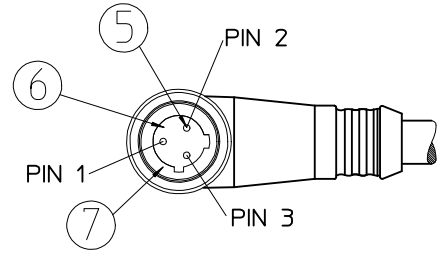
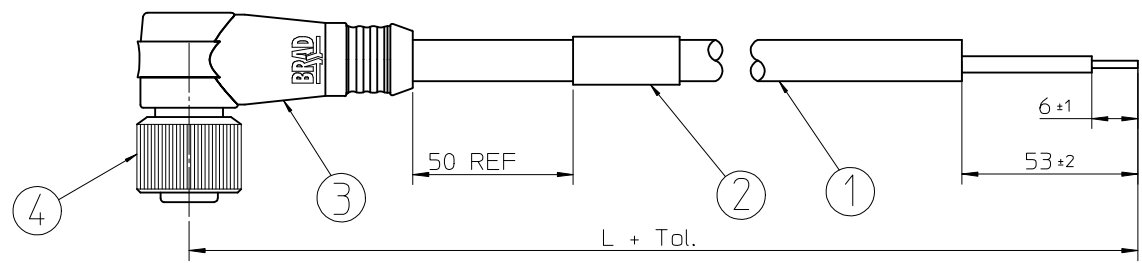
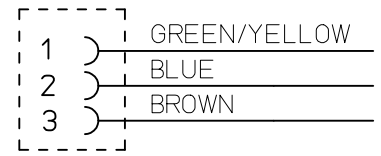
P11 CABLE SPECIFICATION:

CONDUCTOR:  
MATERIAL: PVC  
CROSS SECTION: 0.34 mm<sup>2</sup>  
DIAMETER: 1.55 mm  
JACKET:  
MATERIAL: PUR  
COLOR: BLACK  
DIAMETER: 5.00±0.30 mm  
TEMPERATURE RANGE:  
DYNAMIC: -5°C TO +70°C  
STATIC: -30°C TO +70°C  
VOLTAGE: 300V

I29 CABLE SPECIFICATION:

CONDUCTOR:  
MATERIAL: PVC  
CROSS SECTION: 0.75 mm<sup>2</sup>  
DIAMETER: 2.20 mm  
JACKET:  
MATERIAL: PVC  
COLOR: GREY  
DIAMETER: 6.50±0.30 mm  
TEMPERATURE RANGE:  
DYNAMIC: -5°C TO +70°C  
STATIC: -30°C TO +70°C  
VOLTAGE: 300V

ELECTRICAL DIAGRAM



VIEW FROM THE FRONT SIDE

CHART 1

MOLEX PN	ENGINEERING NO.	L[mm]
1200060801	903001P11M020	2000
1200130003	903001E11M050	5000
1200130004	903001P11M100	10000
1200130005	903001S26M020	2000
1200130014	903001I29M030	3000
1200728018	903001E11M020	2000
1200728019	903001P11M050	5000
1200728020	903001S26M030	3000
1200728046	903001E11M030	3000
1200728059	903001S26M050	5000
1200728077	903001P11M040	4000
1200728116	903001I29M030Y	3000

Table of length tolerances

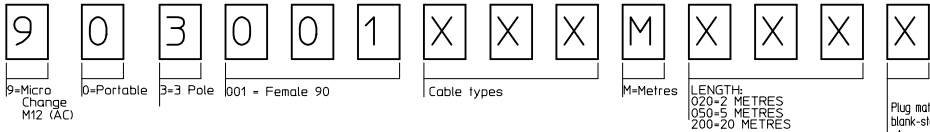
Over	Up to and including	Tolerance (+)
0	305	+19
305	915	+45
915	1830	+56
1830	3660	+89
3660	7320	+165
7320	14640	+317
14640	30500	+610
30500	>	+2% of length

Bill of Materials

ITEM	QTY.	DESCRIPTION	MATERIAL	FINISH
7	1	GASKET	FPM	RED
6	1	INSERT M12 4P FEMALE	NYLON	-
5	3	CONTACT FEMALE	-	-
4	1	COUPLING NUT FEMALE M12	-	NICKEL
3	-	MOLDING MATERIAL	SEE MATRIX	
2	1	LABEL	VINYL	YELLOW
1	-	CABLE	SEE MATRIX	

ORIGINAL RELEASE EC NO: IPG2015-1622 DRW: AKONDRAC IUK 2015/07/13 CHKD: MMAJGAT 2015/07/13 APPR: MIWASIECZKO 2015/07/20	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
	▽=0 ◻=0	mm INCH	MM ONLY	---	METRIC		
		4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± --- ± --- 1 PLACE ± --- ± --- 0 PLACE ± --- ± ---	DRAWN BY DATE AKONDRAC IUK 2015/07/13 CHECKED BY DATE MMAJGAT 2015/07/13 APPROVED BY DATE MIWASIECZKO 2015/07/20	TITLE		MMC-3P-AC-2KW- FE-90-XM-XXX	
		ANGULAR ± 1 ° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	MATERIAL NO. SEE CHART 1	DOCUMENT NO. SD-120072-021		<b>molex</b>	SHEET NO. 1 OF 1

PART No MATRIX



E11 CABLE SPECIFICATION:

CONDUCTOR:  
MATERIAL: PVC  
CROSS SECTION: 0.34 mm<sup>2</sup>  
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MATERIAL: PVC  
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MATERIAL: PVC  
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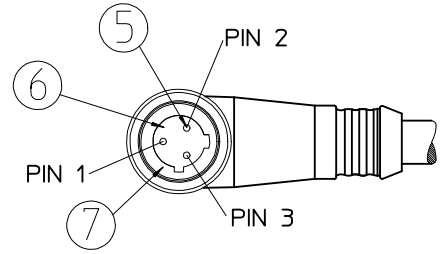
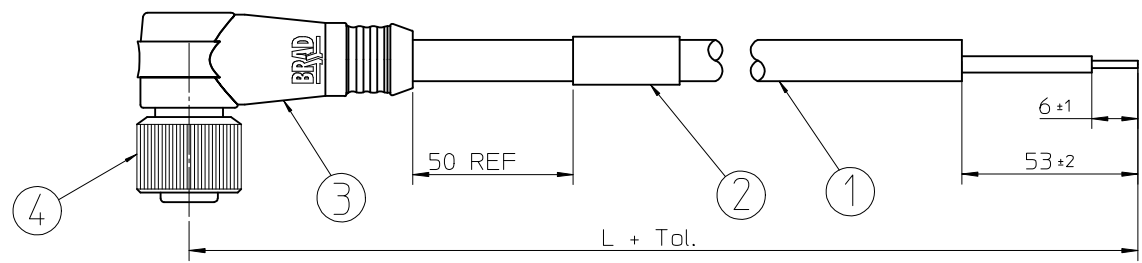
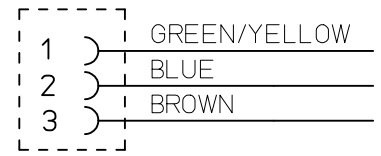
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CROSS SECTION: 0.75 mm<sup>2</sup>  
DIAMETER: 2.20 mm  
JACKET:  
MATERIAL: PVC  
COLOR: GREY  
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<p>ORIGINAL RELEASE EC NO: IPG2015-1622 DRW: AKONDRAC IUK 2015/07/13 CHKD: MMAJGAT 2015/07/13 APPR: MIWASIECZKO 2015/07/20</p>	<p>QUALITY SYMBOLS ▽=0 ◻=0</p>	<p>GENERAL TOLERANCES (UNLESS SPECIFIED)</p>		<p>DIMENSION STYLE MM ONLY</p>		<p>SCALE ---</p>	<p>DESIGN UNITS METRIC</p>		<p>THIRD ANGLE PROJECTION</p>																				
		<table border="1"> <thead> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> </thead> <tbody> <tr><td>4 PLACES</td><td>± ---</td><td>± ---</td></tr> <tr><td>3 PLACES</td><td>± ---</td><td>± ---</td></tr> <tr><td>2 PLACES</td><td>± ---</td><td>± ---</td></tr> <tr><td>1 PLACE</td><td>± ---</td><td>± ---</td></tr> <tr><td>0 PLACE</td><td>± ---</td><td>± ---</td></tr> </tbody> </table>			mm	INCH	4 PLACES	± ---	± ---	3 PLACES	± ---	± ---	2 PLACES	± ---	± ---	1 PLACE	± ---	± ---	0 PLACE	± ---	± ---	<p>DRAWN BY: AKONDRAC IUK DATE: 2015/07/13</p>		<p>CHECKED BY: MMAJGAT DATE: 2015/07/13</p>		<p>APPROVED BY: MIWASIECZKO DATE: 2015/07/20</p>		<p>TITLE MMC-3P-AC-2KW-FE-90-XM-XXX</p>	
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<p>DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS</p>		<p>SIZE A3</p>		<p>THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION</p>																									