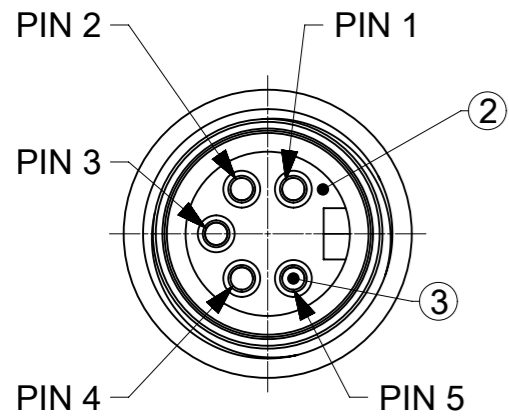


WIRING DIAGRAM

- 1 — BLACK
- 2 — BLUE
- 3 — GREEN/YELLOW
- 4 — BROWN
- 5 — WHITE



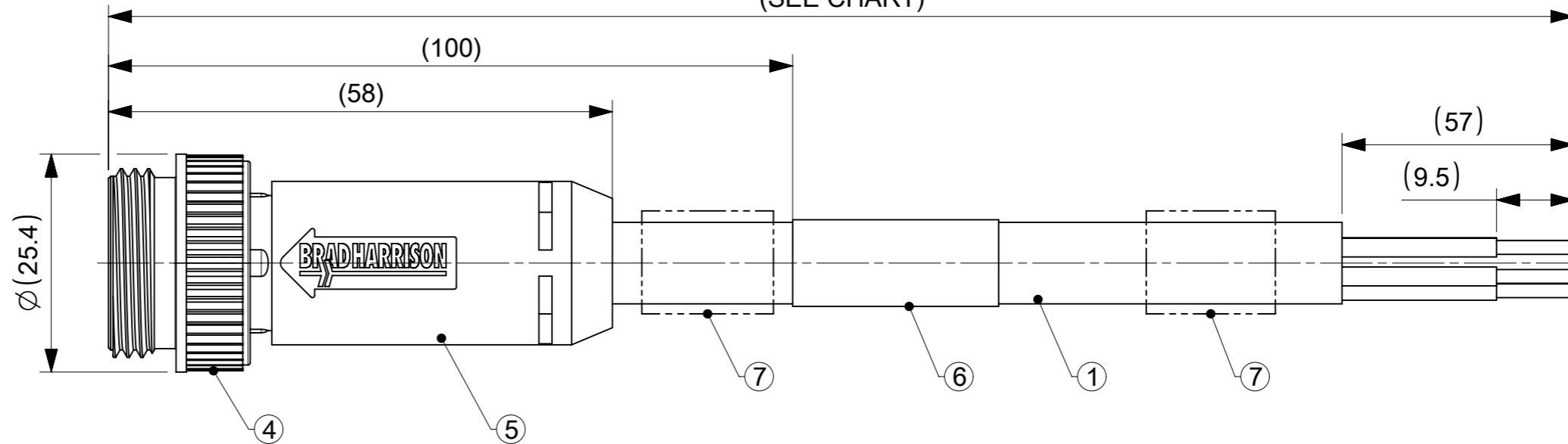
VIEW FROM THE FRONT SIDE

PART NUMBER MATRIX

**B2**  
**1 0 5 0 0 6 B 3 5 M X X X H**

- 10 = Single ended cordset A-SIZE
- Poles: 5 = 5 Poles
- Heads style: 006 = Male straight
- Cable: B35 = 1.50mm<sup>2</sup> TPU Black
- Units: M = Meter
- Length Examples: 005 = 0.5 m, 010 = 1 m, 020 = 2 m, 050 = 5 m, 100 = 10 m, 150 = 15 m, 200 = 20 m
- 2x I/D Carriers

FINISHED LENGTH  
(SEE CHART)



BILL OF MATERIALS

ITEM	QTY.	DESCRIPTION	MATERIAL	FINISH
1	-	CABLE 16-5 GRAY TPU WELD SLAG RESIST	TPU	-
2	1	MC 5P MALE INSERT	ARNITEL	GRAY
3	5	PIN CONTACT	BRASS	GOLD PLATED
4	1	COUPLING NUT	BRASS	-
5	1	MOULDING MATERIAL BLACK	PUR	-
6	1	WRAP LABEL BLACK/YELLOW	MYLAR	-
7	2	I/D CARRIER	PVC	-

NOTES:

1. MATERIAL: SEE BILL OF MATERIALS
2. FINISHES: SEE BILL OF MATERIALS
3. ELECTRICAL SPECIFICATIONS  
VOLTAGE RATING: 600V  
CURRENT RATING: 8A
4. TEMPERATURE RATING:  
STATIC: -40 °C TO 90 °C  
DYNAMIC: -25 °C TO 80 °C
5. PROTECTION: IP67 (WHEN MATED)
6. UL LISTED FILE NO. E152210
7. ASSEMBLY IS RoHS COMPLIANT BY EXEMPTION
8. IF "H" IN MATRIX - 2xID-CARRIER ASSEMBLED ON HARNESS FROM BOTH SIDES
9. PART LIST - SEE SHEET 2

FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	
SCALE	3:2	CURRENT REV DESC: ADDED NOTES 4 & 6. UPDATED PART NUMBER MATRIX & VOLTAGE RATING
GENERAL TOLERANCES (UNLESS SPECIFIED)	ANGULAR TOL ± °	
4 PLACES ±	EC NO: 735939	
3 PLACES ±	DRWN: AKABADI 2022/07/15	
2 PLACES ±	CHK'D: RSILLER 2023/01/30	
1 PLACE ±	APPR: RSILLER 2023/01/30	
0 PLACES ±	INITIAL REVISION:	
	DRWN: GMAJCHER 2017/08/03	
	APPR: MIWASIECZKO 2017/08/04	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	THIRD ANGLE PROJECTION	DRAWING
	A3-SIZE	SERIES
	130006	MATERIAL NUMBER
	SEE SHEET 2	CUSTOMER
	GENERAL MARKET	SHEET NUMBER
	1 OF 2	

# PART LIST

MOLEX PN	ENGINEERING No.	FINISHED LENGTH
1300068159	105006B35M020	2000 +89
1300068160	105006B35M050	5000 +165
1300068161	105006B35M100	10000 +317
1300068162	105006B35M200	20000 +622
1300068163	105006B35M300	30000 +622
1300068210	105006B35M010H	1000 +56
1300068211	105006B35M020H	2000 +89
1300068212	105006B35M050H	5000 +165
1300068213	105006B35M100H	10000 +317
1300068214	105006B35M200H	20000 +622
1300068215	105006B35M300H	30000 +622
1300068216	105006B35M350H	35000 +700
1300068275	105006B35M010	1000 +56
1300068276	105006B35M030	3000 +89

<b>FUNCTIONAL SYMBOLS</b> = 0 = 0 = 0	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		  MC-5P-MM-ST-XM-WSOR				
	<b>DIMENSION UNITS</b> <b>mm</b>	<b>SCALE</b> <b>1:1</b>			CURRENT REV DESC: ADDED NOTES 4 & 6. UPDATED PART NUMBER MATRIX & VOLATAGE RATING		
<b>DIVISIONAL SYMBOLS</b>	<b>GENERAL TOLERANCES (UNLESS SPECIFIED)</b>		EC NO: 735939 DRWN: AKABADI 2022/07/15 CHK'D: RSILLER 2023/01/30 APPR: RSILLER 2023/01/30				
	<b>ANGULAR TOL</b> ± °						
	4 PLACES	±					
	3 PLACES	±	<b>INITIAL REVISION:</b> DRWN: GMAJCHER 2017/08/03 APPR: MIWASIECZKO 2017/08/04				
	2 PLACES	±					
	1 PLACE	±					
0 PLACES	±	DOCUMENT NUMBER: <b>1300068159</b> DOC TYPE: PSD    DOC PART: 000    REVISION: B2					
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING: <b>A4-SIZE</b>	SERIES: <b>130006</b>	MATERIAL NUMBER: <b>SEE SHEET 2</b>	CUSTOMER: <b>GENERAL MARKET</b>	SHEET NUMBER: <b>2 OF 2</b>

DOCUMENT STATUS	P1	RELEASE DATE	2023/01/30	16:52:58
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