

Technical drawing of a 5-pin cordset, showing front, back, and detail views with dimensions and callouts.

Front View Dimensions:

- Overall Length: (22.2)
- Length of first section: (50)
- Length of second section: (37.0)
- Pin 1 diameter: M8x1 (Ø10)
- Pin 2 diameter: M8x1 (Ø10)
- Pin 3 diameter: M8x1 (Ø10)
- Pin 4 diameter: M8x1 (Ø10)
- Pin 5 diameter: M8x1 (Ø10)

Callouts:

- "BRAD" LOGO ONLY ON ONE SIDE OF THE OVERMOLD
- 2x I/D CARRIER, IF IN MATRIX / ENG. NO. IS "H" SEE SHEET 2 AND 3
- "BRAD" LOGO ONLY ON ONE SIDE OF THE OVERMOLD

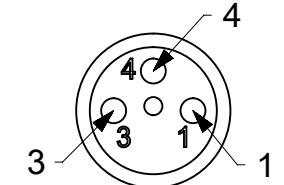
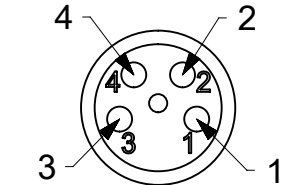
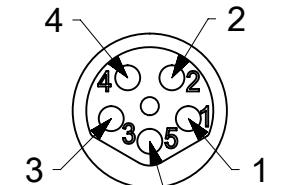
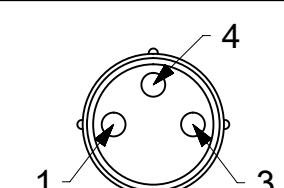
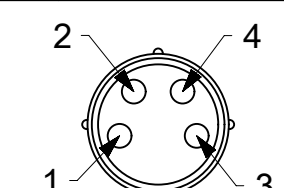
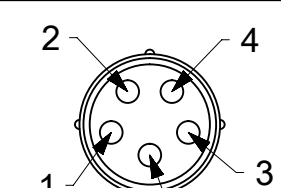
Back View: (BACK VIEW - NO LOGO'S)

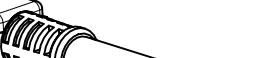
Notes:

- PRODUCT SPECIFICATION:
 RATED VOLTAGE: 3 contacts 60V AC/DC
 4 and 5 contacts 30V AC/DC
 CURRENT RATING: 3, 4, 5 contacts 3A
 PROTECTION CLASS: IP 67
 TEMPERATURE: -25°C / +80°C
- PACKAGING: THE CORDSETS ARE PACKED IN PLASTIC BAGS AND DELIVERED IN CARTON BOXES
- SAFETY: INSTALLATION, MOUNTING, AND MAINTENANCE OF THE PRODUCT MAY ONLY BE CARRIED OUT BY A QUALIFIED ELECTRICIAN

2. PACKAGING: THE CORDSETS ARE PACKED IN PLASTIC BAGS AND DELIVERED IN CARTON BOXES
3. SAFETY: INSTALLATION, MOUNTING, AND MAINTENANCE OF THE PRODUCT MAY ONLY BE CARRIED OUT BY A QUALIFIED ELECTRICIAN

12	2	I/D CARRIER	PVC	---
11	1	INSERT MALE BLACK	TPU	---
10	3 / 4 / 5	CONTACT M8 MALE	BRASS	SELECTIVE Au OVER Ni
9	1	SLEEVE	BRASS	NICKEL
8	1	COUPLING NUT M8 MALE SW9	BRASS	NICKEL
7	1	LABEL YELLOW	VINYL	---
6	-	CABLE	SEE SHEET 2	---
5	-	OVERMOLD BLACK	TPU	---
4	1	COUPLING NUT M8 FEMALE SW9	BRASS	NICKEL
3	1	INSERT FEMALE BLACK	TPU	---
2	1	O-RING RED	FKM	---
1	3 / 4 / 5	CONTACT M8 FEMALE	BRASS	SELECTIVE Au OVER Ni
ITEM	QTY.	DESCRIPTION	MATERIAL	FINISH

			3 CONTACTS - AC				4 CONTACTS - AC				5 CONTACTS - BC			
FEMALE														
MALE														
CONNECTIONS	PIN	WIRE		PIN	WIRE		PIN	WIRE		PIN	WIRE			
	1	BROWN		1	BROWN		1	BROWN						
	3	BLUE		2	WHITE		2	WHITE						
	4	BLACK		3	BLUE		3	BLUE						
				4	BLACK		4	BLACK						
							5	GREY						



SCALE 1:1

SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION															
 = 0	DIMENSION UNITS		SCALE		CURRENT REV DESC: NEW LENGTHS ADDED											
	mm		2:1													
 = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 742953				CSE M8 M8 XP XC FE RA WSOR MA STR XM							
 = 0																
 = 0	ANGULAR TOL ± 1.0°		DRWN: RSCHIEBER 2023/03/20				PRODUCT CUSTOMER DRAWING									
 = 0	4 PLACES ±											CHK'D: RSILLER 2023/03/20				
 = 0	3 PLACES ±		APPR: RSILLER 2023/03/20													
 = 0	2 PLACES ± 0.05						INITIAL REVISION:				DOCUMENT NUMBER		DOC TYPE		DOC PART	REVISION
 = 0	1 PLACE ± 0.3		DRWN: RSCHIEBER 2018/09/24								1200878734		PSD		000	A4
 = 0	0 PLACES ± 0.5						APPR: RSILLER 2018/12/10									
= 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION						DRAWING		SERIES		MATERIAL NUMBER	
= 0							A3-SIZE		120087		SEE SHEET 3		GENERAL MARKET		1 OF 3	

F

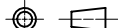
E

D

C

B

A

SYMBOLS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											
	= 0	DIMENSION UNITS	SCALE	CURRENT REV DESC: NEW LENGTHS ADDED				molex					
		= 0	mm									2:1	
	= 0	GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 742953				CSE M8 M8 XP XC FE RA WSOR MA STR XM					
	= 0	ANGULAR TOL ± 1.0 °											
	= 0	4 PLACES	±	DRWN: RSCHIEBER 2023/03/20				PRODUCT CUSTOMER DRAWING					
	= 0	3 PLACES	±	CHK'D: RSILLER 2023/03/20									
	= 0	2 PLACES	± 0.05	APPR: RSILLER 2023/03/20				DOCUMENT NUMBER					
	= 0	1 PLACE	± 0.3	INITIAL REVISION:								1200878734	
	= 0	0 PLACES	± 0.5	DRWN: RSCHIEBER 2018/09/24									
	= 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
	= 0					A3-SIZE	120087	SEE SHEET 3		GENERAL MARKET		2 OF 3	

