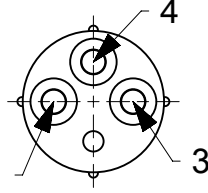
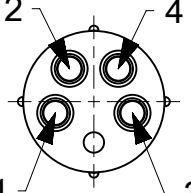
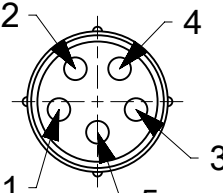
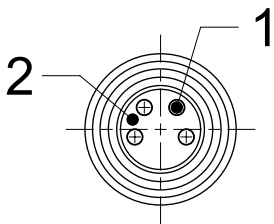


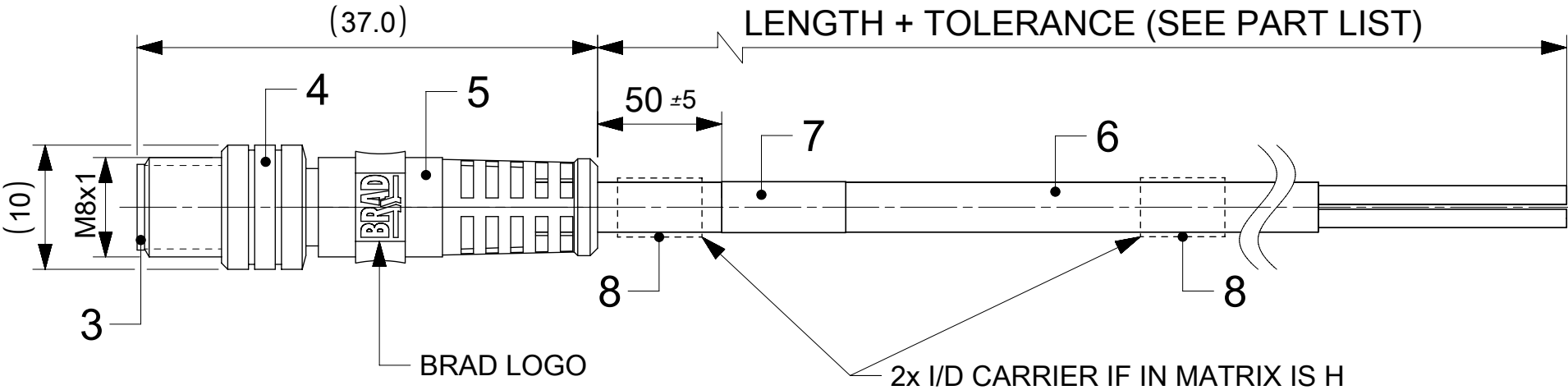
MALE PLUG M8 STRAIGHT SINGLE ENDED

CONTACT POSITION FRONT VIEW:

3 POLES MALE		4 POLES MALE		5 POLES MALE	
					
PIN	WIRE	PIN	WIRE	PIN	WIRE
1	BROWN	1	BROWN	1	BROWN
2	-	2	WHITE	2	WHITE
3	BLUE	3	BLUE	3	BLUE
4	BLACK	4	BLACK	4	BLACK
5	-	5	-	5	GREY



VIEW FROM THE FRONT SIDE

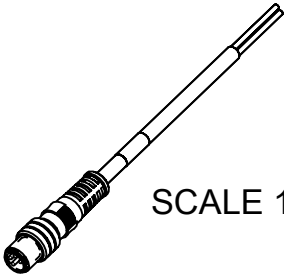


TECHNICAL SPECIFICATION:

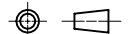
CONTACT CURRENT RATING: 3-5 POLES 3 A
VOLTAGE RATING: 3 POLES 60 V
4-5 POLES 30 V
PROTECTION CLASS: IP 67
TEMPERATURE RANGE: -25° C / +80° C
PACKAGING ACCORDING TO PACKAGING SPEC. 1201202000

BILL OF MATERIALS

8	0 / 2	ID CARRIER (SEE MATRIX)	PVC	TRANSPARENT
7	1	LABEL OR PRINTING	VINYL / ---	---
6	-	CABLE	SEE MATRIX	---
5	-	OVERMOULDING	TPU	BLACK
4	1	COUPLING NUT M8 MALE	BRASS	NICKEL
3	1	SLEEVE	BRASS	NICKEL
2	1	INSERT MALE	TPU	BLACK
1	3 / 4 / 5	CONTACT M8 MALE	BRASS	SELECTIVE Au OVER Ni
ITEM	QTY.	DESCRIPTION	MATERIAL	FINISH / COLOR
DOCUMENT STATUS		P1	RELEASE DATE	2024/11/11 13:43:58



SCALE 1:2

FUNCTIONAL SYMBOLS E/A = 0 E/E = 0 E/E = 0 DIVISIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									
	DIMENSION UNITS		SCALE		CURRENT REV DESC: SORTED/REVISED PART LIST BY CABLE TYPE, LENGTH			molex CSE M8 XP AC MA STR XM SE UNSH AU		
	mm		2:1							
	GENERAL TOLERANCES (UNLESS SPECIFIED)									
	ANGULAR TOL ± 1.0 °									
	4 PLACES		±							
	3 PLACES		±		DRWN: RSCHIEBER 2024/11/06					
	2 PLACES		± 0.05		CHK'D: RSILLER 2024/11/11					
	1 PLACE		± 0.3		APPR: RSILLER 2024/11/11					
	0 PLACES		± 0.5		INITIAL REVISION:					
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				DRWN: RSCHIEBER 2021/11/23			DOCUMENT NUMBER			
				APPR: RSILLER 2021/11/25			1200860183			
				THIRD ANGLE PROJECTION			DOC TYPE		DOC PART	
				DRAWING			PSD		000	
				SERIES			SHEET NUMBER		A2	
				A3-SIZE			MATERIAL NUMBER		CUSTOMER	
				120086			SEE PART LIST		GENERAL MARKET	
									1 OF 3	

ENGINEERING NO. - NUMERICAL CODE (Available parts see PART LIST table. Others on request)

OPTIONS

4	0	X	0	0	6	X	X	X	M	X	X	X
---	---	---	---	---	---	---	---	---	---	---	---	---

40 = M8x1
SINGLE ENDED

POLES:

3 = 3 POLE
4 = 4 POLE
5 = 5 POLE

HEADER

006 = MALE STRAIGHT

CABLE TYPE

SEE CABLE
SPECIFICATION

UNIT

M = METER

LENGTH EXAMPLE

010 = 1 m
050 = 5 m
100 = 10 m

Overmold color:

Blank (Standard)=Black
A = Grey / G=Black / Y=Yellow
For cables K03, K05, A09, S19, S20 & S26 = Yellow

Coupling Nut:

Blank (Standard)=Knurled Brass Ni Plated

1 = Stainless steel
2 = Nylon
3 = Nickel Plated Brass
4 = Valox (polyester)
5 = Delrin
6 = clear anodized alum
7 = Teflon coat

Blank = 7 for cables: I20, I26, K03, K05, P82, S20 i S26
8 = Type 316 stainless steel
9 = Knurled / Hexagonal SW9 Brass Ni Plated
H= 2 pcs. of I/D Carrier PVC Transparent
(Cables Ixx & P82 always with 2 pcs. of
I/D Carrier even if no H in Engineering No.)

CABLE SPECIFICATION

CABLE TYPE	NO. OF WIRES	CROSS SECTION	CABLE JACKET	UL	CSA	TEMP. RATING	STATIC: TEMP. / BENDING RADIUS	DYNAMIC: TEMP. / BENDING RADIUS	DRAG CHAIN	SHIELD
A10	4	0.25mm²	PVC YELLOW	UL 2661/1731	I/II A/B 105°C/300V	105°C	-	-	-	NO
E02	3 / 4 / 5	0.25mm²	PVC BLACK	UL 2464/1729	C22.2 I/II A/B 80°C/300V	-	-30°C to +80°C, 10xO.D.	-10°C to +80°C, 15xO.D.	-	NO
H08	3 / 4 / 5	0.25mm²	PUR BLACK LS0H	UL 21198/10493	C22.2 I/II A/B 80°C/300V	-	-40°C to +80°C, 5xO.D.	-25°C to +80°C, 10xO.D.	2 000 000 cycles, Temp max 60°C	NO
I12	3	0.50mm²	PVC GREY	-	-	-	-25°C to +70°C, 10xO.D.	-5°C to +70°C, 15xO.D.	-	NO
I02	3 / 4	0.25mm²	PVC (CEI) GREY	-	-	-	-30°C to +70°C	-5°C to +70°C	-	NO
P02	3 / 4 / 5	0.25mm²	PUR / PVC BLACK	-	-	-	-30°C to +80°C, 7xO.D.	-5°C to +80°C, 15xO.D.	-	NO
I70	3	0.50mm²	PVC GREY	-	-	-	-25°C to +70°C, 10xO.D.	-5°C to +70°C, 15xO.D.	-	NO

FUNCTIONAL SYMBOLS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											
		DIMENSION UNITS		SCALE		CURRENT REV DESC: SORTED/REVISED PART LIST BY CABLE TYPE, LENGTH			molex				
		mm		1:1									
		GENERAL TOLERANCES (UNLESS SPECIFIED)				CSE M8 XP AC MA STR XM SE UNSH AU							
		ANGULAR TOL ± 1.0 °											
		4 PLACES		±		EC NO: 803942 DRWN: RSCHIEBER 2024/11/06 CHK'D: RSILLER 2024/11/11 APPR: RSILLER 2024/11/11			PRODUCT CUSTOMER DRAWING				
		3 PLACES		±									
		2 PLACES		± 0.05		DOCUMENT NUMBER 1200860183 DOC TYPE PSD DOC PART 000 REVISION A2							
		1 PLACE		± 0.3									
		0 PLACES		± 0.5							MATERIAL NUMBER SEE PART LIST CUSTOMER GENERAL MARKET SHEET NUMBER 2 OF 3		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION 		DRAWING A3-SIZE		SERIES 120086							

