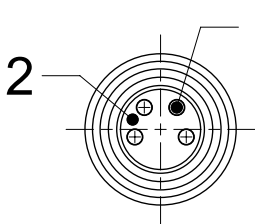


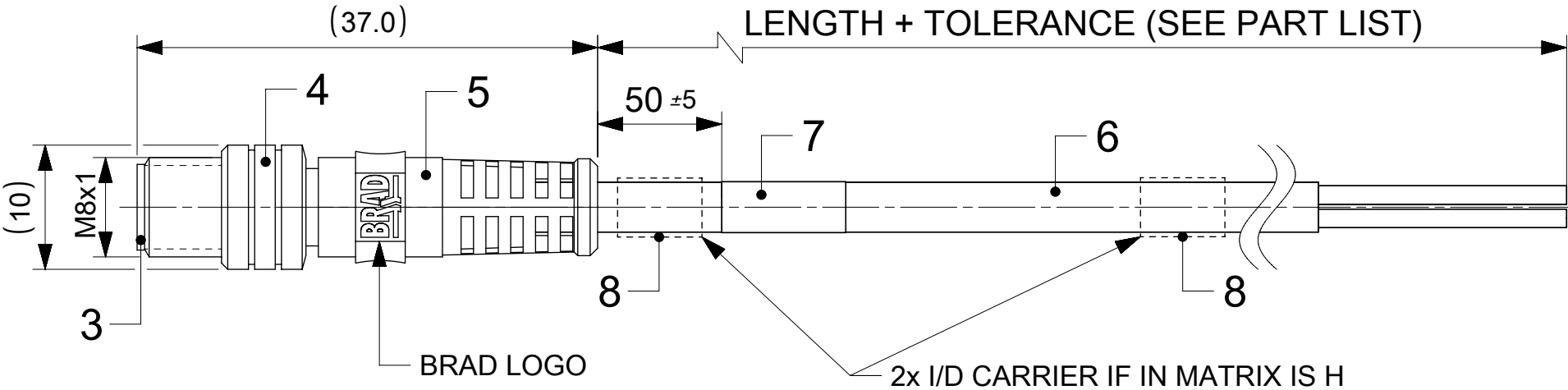
MALE PLUG M8 STRAIGHT SINGLE ENDED

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

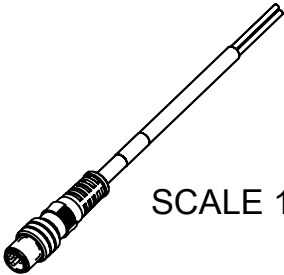


TECHNICAL SPECIFICATION:

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



THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION													
FUNCTIONAL SYMBOLS E A = 0 E E = 0 E E = 0 DIVISIONAL SYMBOLS	DIMENSION UNITS		SCALE		CURRENT REV DESC: SORTED/REVISED PART LIST BY CABLE TYPE, LENGTH			molex					
	mm		2:1										
	GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 803942 DRWN: RSCHIEBER CHK'D: RSILLER APPR: RSILLER INITIAL REVISION: DRWN: RSCHIEBER APPR: RSILLER			CSE M8 XP AC MA STR XM SE UNSH AU					
	ANGULAR TOL ± 1.0 °												
	4 PLACES		±								2024/11/06		
	3 PLACES		±								2024/11/11		
	2 PLACES		± 0.05								2024/11/11		
1 PLACE		± 0.3		2021/11/23 2021/11/25									
0 PLACES		± 0.5											
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING	SERIES	DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION	
						A3-SIZE	120086	1200860183		PSD	000	A2	
								MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
								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	0.25mm ²	PVC YELLOW	UL 2661/1731	I/II A/B 105°C/300V	105°C	-	-	-	NO
E02	3 / 4 / 5	0.25mm ²	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	0.25mm ²	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	0.50mm ²	PVC GREY	-	-	-	-25°C to +70°C, 10xO.D.	-5°C to +70°C, 15xO.D.	-	NO
I02	3 / 4	0.25mm ²	PVC (CEI) GREY	-	-	-	-30°C to +70°C	-5°C to +70°C	-	NO
P02	3 / 4 / 5	0.25mm ²	PUR / PVC BLACK	-	-	-	-30°C to +80°C, 7xO.D.	-5°C to +80°C, 15xO.D.	-	NO
I70	3	0.50mm ²	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		±		PRODUCT CUSTOMER DRAWING									
		3 PLACES		±											
		2 PLACES		± 0.05		DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION			
		1 PLACE		± 0.3											
		0 PLACES		± 0.5		1200860183		PSD		000		A2			
DIVISIONAL SYMBOLS		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
						A3-SIZE		120086		SEE PART LIST		GENERAL MARKET		2 OF 3	

