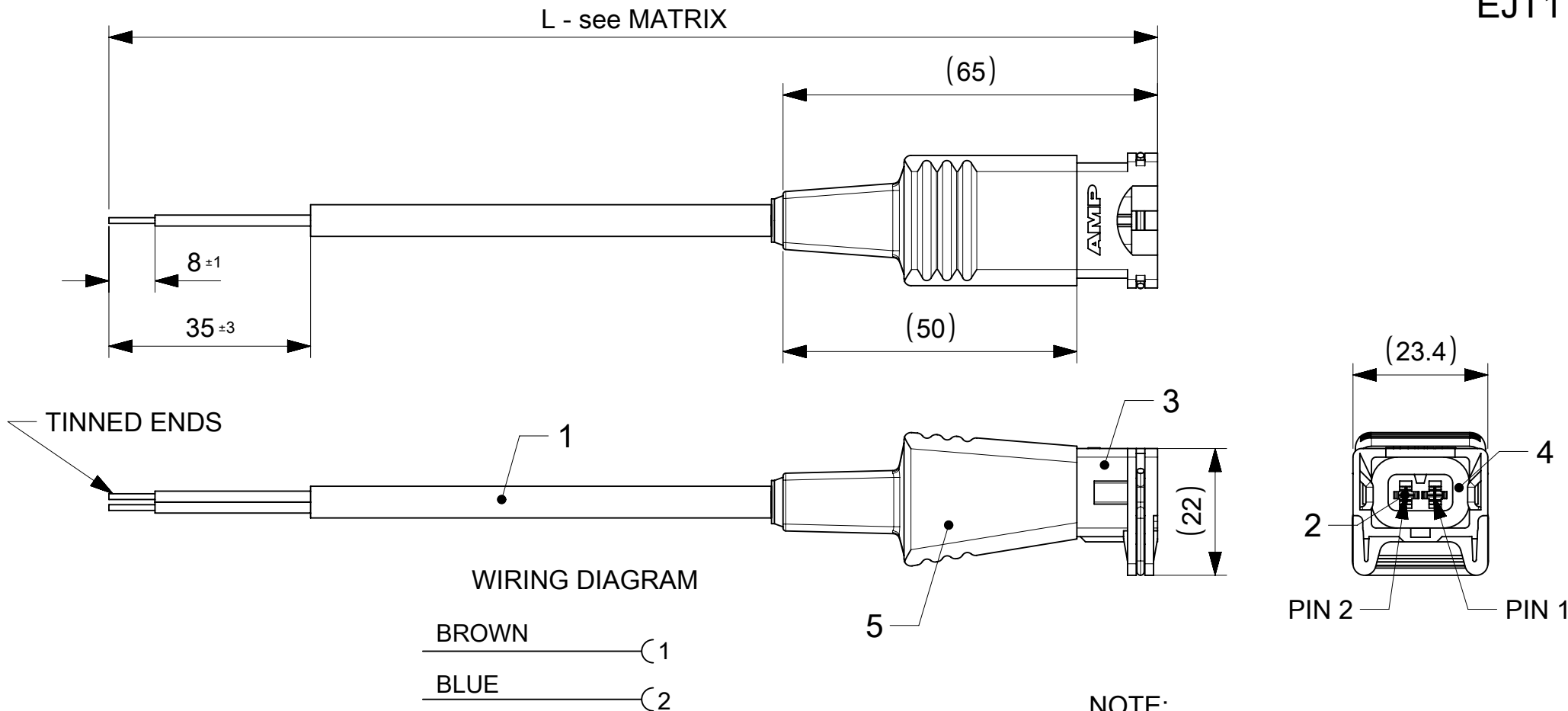


EJT1



NOTE:
1. MATRIX AND PART LIST ON SHEET 2
2. DRAWING REPLACES SD-121046-002
3. VOLTAGE RATING: 24V

BILL OF MATERIALS

ITEM	QTY.	DESCRIPTION	MATERIAL	FINISH/COLOR
1	-	CABLE	SEE MATRIX	-
2	2	CONTACT FEMALE	PH. BRONZE	-
3	1	HOUSING 2P	PA6.6	BLACK
4	1	GASKET	SILICONE	WHITE
5	-	MOULDING MATERIAL	PP	BLACK

FUNCTIONAL SYMBOLS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC:		molex	
F A = 0		DIMENSION UNITS		SCALE		JUNIOR TIMER 2P FE STR EJT1XXXXXX	
F E = 0		mm		1:1		PRODUCT CUSTOMER DRAWING	
F P = 0		GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 681912		DOCUMENT NUMBER	
DIVISIONAL SYMBOLS		ANGULAR TOL ± °		4 PLACES ±		1210460005	
		3 PLACES ±		2 PLACES ±		PSD	
		2 PLACES ±		1 PLACE ±		000	
		1 PLACE ±		0 PLACES ±		A	
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		MATERIAL NUMBER	
				DRAWING		CUSTOMER	
				SERIES		SHEET NUMBER	
				A4-SIZE		SEE SHEET 2	
				121046		GENERAL MARKET	
						1 OF 2	

DOCUMENT STATUS	P1	RELEASE DATE	2021/10/19	12:55:13
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D



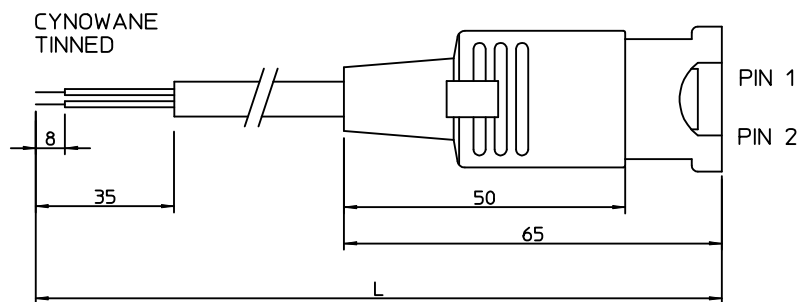
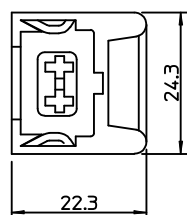
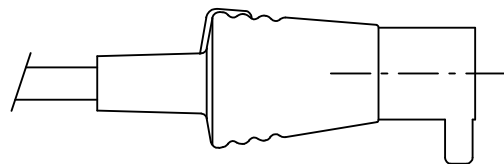
D

C

B

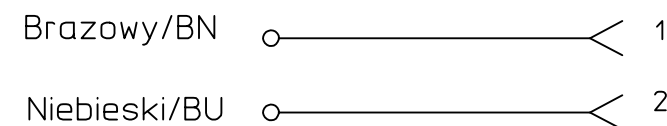
BAA

10 9 8 7 6 5 4 3 2 1



PATRZ UWAGA 1
SEE NOTE 1

SCHEMAT ELEKTRYCZNY ELECTRICAL DIAGRAM



UWAGI:

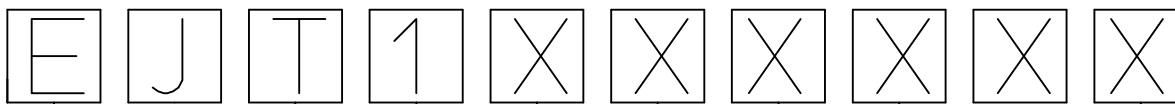
1. DŁUGOŚĆ PATRZ ARKUSZ 2.

NOTES:

1. LENGHT SEE SHEET 2.

ORIGINAL RELEASE EC NO: DRWN: MWOL SZCZAK 2009/05/28 CHKD: MDABROWSKA 2009/06/08 APPR: GOGRODNIK 2009/06/16 A	DESCRIPTION REV	QUALITY SYMBOLS ▽=0 ◻=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE INCH ONLY		SCALE 1:1	DESIGN UNITS METRIC	FIRST ANGLE PROJECTION ⊙ ▷			
					DRAWN BY MLEVYTSKYY	DATE 2009/04/20	TITLE MPM EJT1XXXXXX					
					CHECKED BY MDABROWSKA	DATE 2009/04/20						
					APPROVED BY MWOLSZCZAK	DATE 2009/04/20	MOLEX INCORPORATED					
			ANGULAR ±---°		MATERIAL NO. SEE DRAWING							DOCUMENT NO. EJT1XXXXXX
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS									
					THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							

PN KEY



JUNIOR CONNECTORS

CONNECTOR TYPE:

1 - 2 WIRES, STRAIGHT

CABLE TYPE, SEE SHEET 2, CHART 1 AND CHART 2

HEAD COLOR:

G=GRAY; N=BLACK; T=TRANSPARENT; A=CSA-UL BLACK; B=CSA-UL GRAY

CABLE LENGHT IN CENTIMETRES:

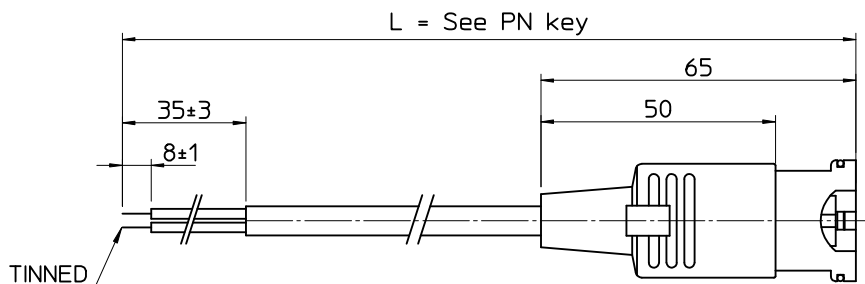
EXAMPLE: 050=50 CM, 300=300 CM.

Table of lenght tolerances [mm]

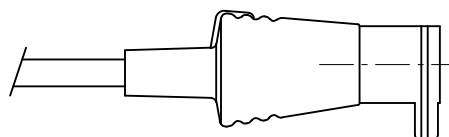
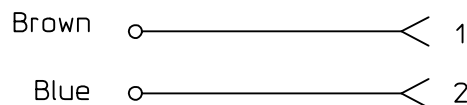
Over	Up to and including	Tolerance
0	1000	±20
1000	3000	±30
3000	5000	±40
5000	10000	±50
10000	15000	±100
15000	20000	±150
20000		±L/100

TABLE 1

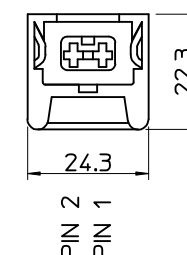
MOLEX PN	Engineering No.	L [mm]
1210460005	EJT1P3N200	2000
1210460006	EJT1P3N500	5000
1210460008	EJT1P3N300	3000
1210460009	EJT1P2N100	1000
1210460011	EJT1P3N100	1000
1210460012	EJT1P3N800	8000
1210460013	EJT1N3N150	1500
1210460014	EJT1P2N300	3000
1210460015	EJT1P3N150	1500
1210460024	EJT1P2N400	4000
1210460025	EJT1N3N100	1000
1210460026	EJT1P2N600	6000
1210460027	EJT1P3N10K	10000
1210460028	EJT1N3N200	2000
1210460034	EJT1P2N10K	10000
1210560056	EJT1N2N300	3000
1210560201	EJT1N2N100	1000



ELECTRICAL DIAGRAM



Face View



- NOTES:
- Dimensions without tolerances are referential

ORIGINAL RELEASE EC NO: IPG2016-0461 DRWN: JMARSZALEK 2014/05/31 CHKD: APPR: MIWASIECZKO 2015/09/28	DESCRIPTION	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE -	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	
				mm	INCH	DRAWN BY JMARSZALEK	DATE 2014/05/31	TITLE EJT1XXXXXX JUNIOR TIMER 2P FE STR		
			4 PLACES	± ---	± ---	CHECKED BY	DATE			
			3 PLACES	± ---	± ---					
			2 PLACES	± ---	± ---			molex		
			1 PLACE	± ---	± ---	APPROVED BY	DATE			
			0 PLACE	± ---	± ---	MIWASIECZKO	2015/09/28			
			ANGULAR ±---°		MATERIAL NO.	DOCUMENT NO.	SHEET NO.			
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE PN KEY		SD-121046-002			1 OF 2
					SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

F

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A

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E

D

C

B

A

TABLE 2 - CABLES

TABLE 2 - CABLES

Molex PN Raw cable	Cable type	Cable code	Wires no.	Cross Section	Jacket material	Jacket color	Diameter Ø [mm]	Wire colors
1210180384	R	3	3	0.75 mm ²	TPR HAL. FREE	Black	6.5±0.2	BN, BU, GN/YE
1210180094	T	3	3	0.75 mm ²	PUR CSA/UL 20668	Yellow	6.5±0.2	BN, BU, GN/YE
1210180309	Y	3	3	0.75 mm ⁴	SILICONE RUBBER	Red	6.5±0.2	BN, BU, GN/YE
1210180081	F	4	3	1 mm ²	PVC CNOMO	Grey	7.1+0.2/-0	BK1, BK2, GN/YE
1210180042	I	4	2	1 mm ²	PVC CEI 2022 II O.R.	Grey	7.1+0.2/-0	BN, BU
1210180079	I	4	3	1 mm ²	PVC CEI 2022 II O.R.	Grey	7.1+0.2/-0	BN, BU, GN/YE
1210180036	N	4	2	1 mm ²	PVC H05VV-F	Black	6.5±0.2	BN, BU
1210180082	N	4	3	1 mm ²	PVC H05VV-F	Black	6.9±0.2	BN, BU, GN/YE
1210180117	R	4	3	1 mm ²	TPR HAL. FREE	Black	7.1±0.2	BN, BU, GN/YE
1210180085	N	5	3	1.5 mm ²	PVC H05VV-F	Black	7.9±0.2	BN, BU, GN/YE
1210180313	I	6	2	0.35 mm ²	PVC CEI 2011	Grey	4.8±0.2	BN, WH
1210180149	I	9	4	0.75 mm ²	PVC CEI 2022 II	Grey	7.3±0.2	BN, BU, BK, GN/YE

TABLE 1 - TYPES OF CABLES

Code	Cable types	Features	Cross Section
N	PVC	Application general purpose cable which has good resistance to water, but usually poor oil resistance.	0.5 mm ² 0.75 mm ² 1 mm ²
I	CEI	Approved to IEC 332-2A, flame retardant and self extinguishing. Limited resistant to mineral oils.	0.5 mm ² 0.75 mm ² 1 mm ²
P	PUR	Offer good resistance to oil and chemicals. Can swell when constantly immersed in water.	0.5 mm ² 0.75 mm ² 1 mm ²
A	PVC CSA-UL	Approved to CSA-UL 2661, application general purpose cable which has good resistance to water, but usually poor oil resistance.	20 AWG 18 AWG
B	PUR CSA-UL	Approved to CSA-UL 20668, very good resistance to oil and chemicals.	20 AWG 18 AWG

ORIGINAL RELEASE EC NO: IPG2016-0461 DRWN: JMARSZALEK 2014/05/31 CHKD: APPR: MIWASIECZKO 2015/09/28	QUALITY SYMBOLS ▽=0 ◻=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE -	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
			mm	INCH	DRAWN BY JMARSZALEK	DATE 2014/05/31	TITLE EJT1XXXXXX JUNIOR TIMER 2P FE STR			
		4 PLACES	± ---	± ---	CHECKED BY DATE					
		3 PLACES	± ---	± ---	APPROVED BY DATE		molex			
		2 PLACES	± ---	± ---	MIWASIECZKO 2015/09/28					
1 PLACE	± ---	± ---	MATERIAL NO.		DOCUMENT NO. SD-121046-002					
0 PLACE	± ---	± ---	SEE PN KEY							
ANGULAR ± --- °		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		SHEET NO. 2 OF 2				

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