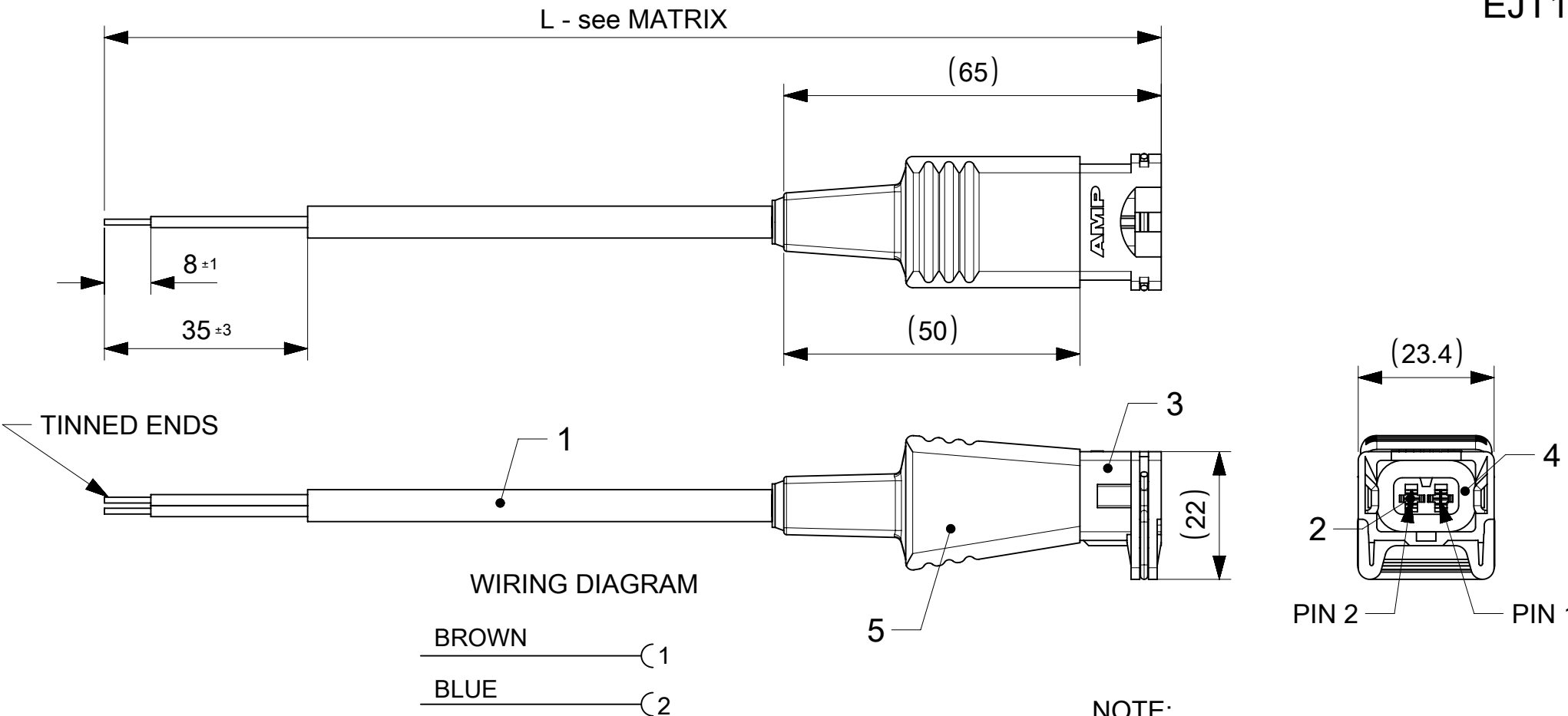


EJT1



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													
F A = 0	DIMENSION UNITS	SCALE		CURRENT REV DESC:				molex							
	mm	1:1													
	F E = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)						EC NO: 681912 DRWN: APAWLAK01 2021/10/12 CHK'D: RSILLER 2021/10/19 APPR: RSILLER 2021/10/19				JUNIOR TIMER 2P FE STR EJT1XXXXXX			
F P = 0	ANGULAR TOL ± °														
DIVISIONAL SYMBOLS	4 PLACES	±		PRODUCT CUSTOMER DRAWING											
	3 PLACES	±													
	2 PLACES	±													
	1 PLACE	±													
	0 PLACES	±													
INITIAL REVISION:				DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION					
DRWN: APAWLAK01 2021/10/12				1210460005		PSD		000		A					
APPR: RSILLER 2021/10/19															
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
						A4-SIZE		121046		SEE SHEET 2		GENERAL MARKET		1 OF 2	

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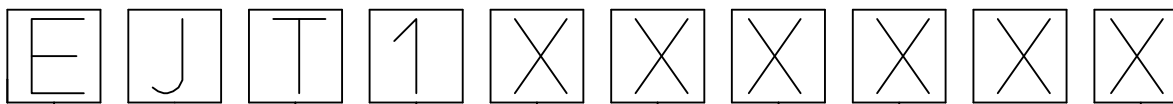
D



D

CBA4

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:

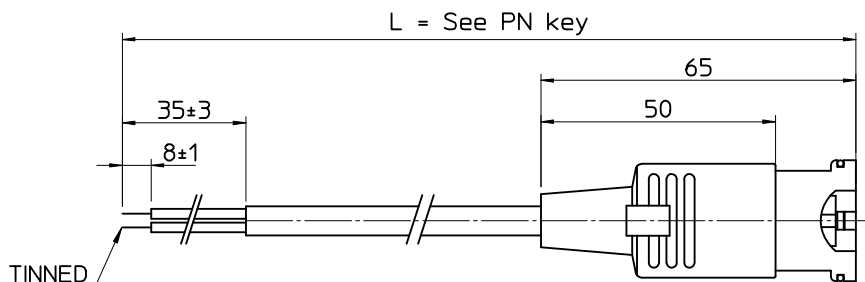
EXAMPLE: 050=50 CM, 300=300 CM.

Table of lenght tolerances [mm]

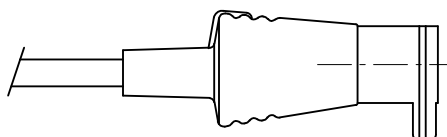
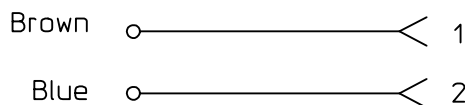
Over	Up to and including	Tolerance
0	1000	±20
1000	3000	±30
3000	5000	±40
5000	10000	±50
10000	15000	±100
15000	20000	±150
20000		±L/100

TABLE 1

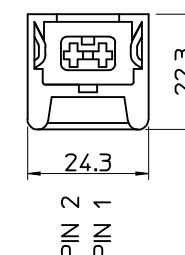
MOLEX PN	Engineering No.	L [mm]
1210460005	EJT1P3N200	2000
1210460006	EJT1P3N500	5000
1210460008	EJT1P3N300	3000
1210460009	EJT1P2N100	1000
1210460011	EJT1P3N100	1000
1210460012	EJT1P3N800	8000
1210460013	EJT1N3N150	1500
1210460014	EJT1P2N300	3000
1210460015	EJT1P3N150	1500
1210460024	EJT1P2N400	4000
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:
1. 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				
						CHECKED BY	DATE					
						APPROVED BY	DATE	molex				
						MIWASIECZKO	2015/09/28					
						MATERIAL NO.						
			A	REV	ANGULAR ±---°		SEE PN KEY		SD-121046-002			
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										

F

E

D

C

B

A

F

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			
					CHECKED BY	DATE				
					APPROVED BY	DATE MIWASIECZKO 2015/09/28	molex			
					MATERIAL NO.					
A	REV	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE PN KEY		DOCUMENT NO. SD-121046-002		SHEET NO. 2 OF 2		
				SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

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