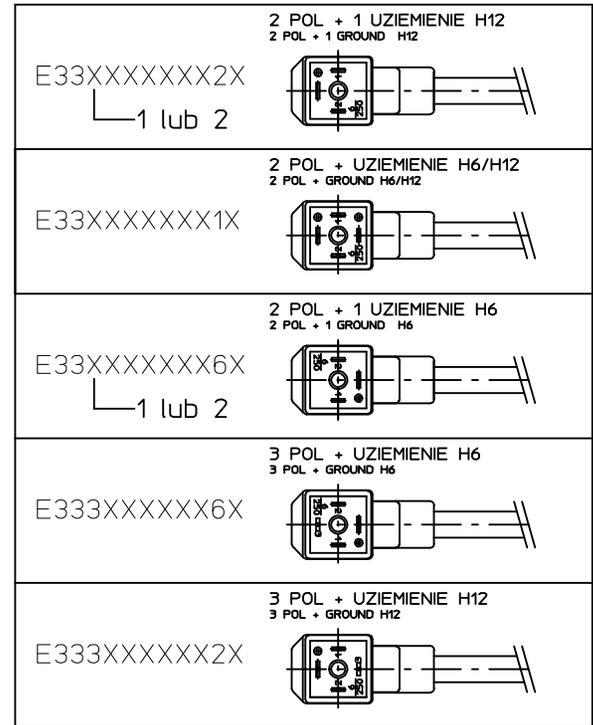
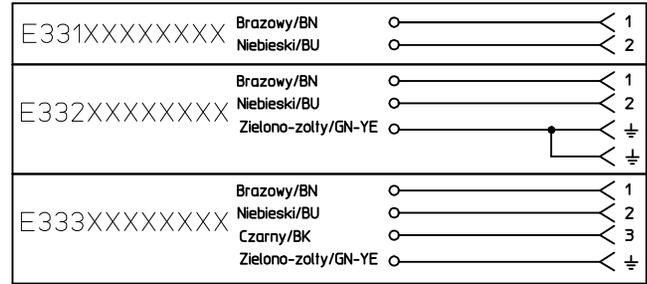


PATRZ UWAGA 1
SE NOTE 1

Table of length tolerances/ Tablica tolerancji dlugosci mm		
Over/Od	Up to and including/ Do-wlacznie	Tolerance/Tolerancja +/-
100	1000	±20
1000	3000	±30
3000	5000	±40
5000	10000	±50
10000	15000	±100
15000	20000	±150
	>20000	L/100



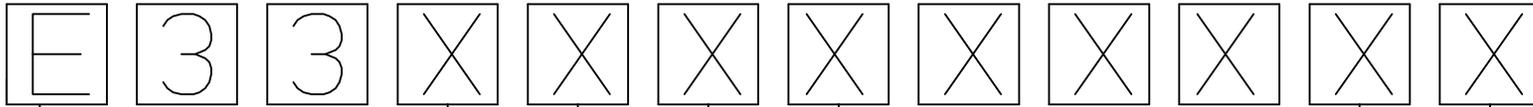
UWAGI:

1. DLUGOSC PATRZ ARKUSZ 2.

NOTES:

1. LENGTH SEE SHEET 2.

ORIGINAL RELEASE EC NO: WEU2009-0449 DRWN: MWOLSZCZAK 2009/06/30 CHKD: MDABROWSKA 2009/07/01 APPR: GOGRODNIK 2009/07/01	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	FIRST ANGLE PROJECTION	
	▽=0 ∇=0	mm INCH	MM ONLY	---	METRIC		
		4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± --- ± --- 1 PLACE ± --- ± ---	MLEWYTSKY 2009/01/21 MDABROWSKA 2009/01/21 MWOLSZCZAK 2009/01/21	DRAWN BY DATE CHECKED BY DATE APPROVED BY DATE			
		ANGULAR ± ---°	MATERIAL NO.				
A	DESCRIPTION	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SEE DRAWING		MOLEX INCORPORATED		
			SIZE A3		DOCUMENT NO. E33XXXXXXXXX	SHEET NO. 1 OF 4	
			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				



E - Pakowanie bez workow
 W - Pakowanie pojedynczo
 Q - Szybkie pakowanie

ILOSC PRZEWODOW/NUMBER OF WIRES:
 1=2 PRZEWODY,
 2=2 PRZEWODY+UZIEMIENIE,
 3=3 PRZEWODY+UZIEMIENIE.

TYP KABLA/CABLE TYPE
 PATRZ TABELA 1/SEE TABLE 1

RODZAJ KABLA/CABLE CROSS SECTION AREA
 PATRZ TABELA 2/SEE TABLE 2

KOLOR MOULDINGU/HEAD COLOUR:
 G=SZARY/GREY,
 N=CZARNY/BLACK,
 T=PRZEZROCZYSTY/TRANSPARENT,
 A=CZARNY/BLACK,
 B=SZARY/GREY.

DLUGOSC KABLA W CM/CABLE LENGHT IN CM
 NP:050=50 CM, 300=300 CM.

POLOZENIE PINU Z UZIEMIENIEM(PATRZ TABELA ORJENTACJA OBUDOWY)/EARTH PIN LOCATION(SEE INSERT ORIENTATION TABLE):

- 1=PODWOJNE UZIEMIENIE NA GODZINIE 6 ORAZ 12/DOUBLE EARTH ON 6H AND 12H,
- 2=UZIEMIENIE NA GODZINIE 12/EARTH ON 12H,
- 6=UZIEMIENIE NA GODZINIE 6/EARTH ON 6H,
- 4=PODWOJNE UZIEMIENIE NA GODZINIE 3 ORAZ 9/DOUBLE EARTH ON 3H AND 9H,
- 3=UZIEMIENIE NA GODZINIE 3/EARTH ON 3H,
- 9=UZIEMIENIE NA GODZINIE 9/EARTH ON 9H.

GASKET ORAZ SRUBY/GASKET SCREWS:

- 1=GASKET PROFILOWANY+SRUBA/NBR PROFILE GASKET-FIXING SCREWS,
- 2=NBR PLASKI GASKET+SRUBA/NBR FLAT GASKET+SCREW,
- 3=SILIKONOWY PROFILOWANY GASKET+SRUBA/SILICONE PROFILE GASKET+SCREW,
- 4=SILIKONOWY PLASKI GASKET+SRUBA/SILICON FLAT GASKET+SCREW,
- P=ZINTEGROWANY GASKET+SRUBA/INTEGRATED GASKET-FIXING SCREW,
- R=ZINTEGROWANY GASKET+SRUBA/INTAGRATED GASKET+SCREW,
- T=PROFILOWANY GASKET+SRUBA, PROFILE GASKET+SCREW.

ORIGINAL RELEASE EC NO: WEU2009-0449 DRWN: MWOLSZCZAK 2009/06/30 CHKD: MDABROWSKA 2009/07/01 APPR: GOGRODNIK 2009/07/01	DESCRIPTION REV	QUALITY SYMBOLS ▽=0 ◻=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	FIRST ANGLE PROJECTION			
			mm	INCH	DRAWN BY	DATE	TITLE MPM E33XXXXXXXXXX					
			± ---	± ---	4 PLACES	MLEVYTSKYY	2009/01/21	CHECKED BY DATE MDABROWSKA 2009/01/21				
			± ---	± ---	2 PLACES	APPROVED BY	DATE	MATERIAL NO. MWOLSZCZAK 2009/01/21				
		± ---	± ---	1 PLACE	ANGULAR ± ---°		DOCUMENT NO. MOLEX INCORPORATED		SHEET NO. 2 OF 4			
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SEE DRAWING		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

TABELA 2 KABLE/TABLE 2 CABLES

MOLEX PN	mPm	Code	PRZEW	PRZEKROJ	MATERIAL	KOLOR/COLOUR	SREDNICA Ø	DIN A-B	DIN C
1210180080	I	0	3	1 mm2	PVC CEI 2022 II O.R.	Szary/Grey RAL7035	-	-	-
1210180467	A	2	2	20 AWG	PVC CSA/UL 2661	Czarny/Black	5,5+/-0,2 mm	OK.	OK.
-	A	2	3	20 AWG	PVC CSA/UL 2661	Czarny/Black	5,6+/-0,2 mm	OK.	OK.
1210180394	A	2	4	20 AWG	PVC CSA/UL 2661	Czarny/Black	6,2+/-0,2 mm	OK.	OK.
-	A	2	5	20 AWG	PVC CSA/UL 2661	Czarny/Black	7+/-0,2 mm	OK.	-
1210180297	B	2	2	20 AWG	PUR CSA/UL 20668	Czarny/Black	5,5+/-0,2 mm	OK.	OK.
1210180126	B	2	3	20 AWG	PUR CSA/UL 20668	Czarny/Black	5,6+/-0,2 mm	OK.	OK.
1210180387	B	2	4	20 AWG	PUR CSA/UL 20668	Czarny/Black	6,2+/-0,2 mm	OK.	OK.
-	B	2	5	20 AWG	PUR CSA/UL 20668	Czarny/Black	7+/-0,2 mm	OK.	-
1210180122	D	2	3	0,5 mm2	PVC TI2 CEI 20-20	Szary/Grey	-	-	-
-	F	2	3	0,5 mm2	CNOMO	Szary/Grey RAL7000	5,5+/-0,2 mm	OK.	OK.
1210180047	I	2	2	0,5 mm2	PVC CEI 2022 II O.R.	Szary/Grey RAL7035	5,5+/-0,2 mm	OK.	OK.
-	I	2	3	0,5 mm2	PVC CEI 2022 II O.R.	Szary/Grey RAL7035	5,5+/-0,2 mm	OK.	OK.
1210180146	I	2	4	0,5 mm2	PVC CEI 2022 II O.R.	Szary/Grey RAL7035	6,5+/-0,2 mm	OK.	-
1210180177	I	2	5	0,5 mm2	PVC CEI 2022 II O.R.	Szary/Grey RAL7035	7+/-0,2 mm	OK.	-
1210180022	N	2	2	0,5 mm2	PVCH03	Czarny/Black	5,1+ 0,2-0 mm	OK.	OK.
1210180064	N	2	3	0,5 mm2	PVCH03	Czarny/Black	5,4+ 0,2-0 mm	OK.	OK.
1210180153	N	2	4	0,5 mm2	PVCH03	Czarny/Black	5,75+0,2-0 mm	OK.	OK.
1210180046	P	2	2	0,5 mm2	PUR - BLEND	Czarny/Black	5,5+/-0,2 mm	OK.	OK.
-	P	2	3	0,5 mm2	PUR - BLEND	Czarny/Black	5,5+/-0,2 mm	OK.	OK.
1210180302	P	2	4	0,5 mm2	PUR - BLEND	Czarny/Black	-	-	-
-	P	2	5	0,5 mm2	PUR - BLEND	Czarny/Black	7+/-0,2 mm	OK.	OK.
1210180409	A	3	2	18 AWG	PVC CSA/UL 2661	Czarny/Black	6,5+/-0,2 mm	OK.	-
1210180129	A	3	3	18 AWG	PVC CSA/UL 2661	Czarny/Black	6,5+/-0,2 mm	OK.	-
1210180159	A	3	4	18 AWG	PVC CSA/UL 2661	Czarny/Black	7+/-0,2 mm	OK.	-
-	A	3	5	18 AWG	PVC CSA/UL 2661	Czarny/Black	7,8+/-0,2 mm	OK.	-
1210180351	B	3	2	18 AWG	PUR CSA/UL 20668	Czarny/Black	6,5+/-0,2 mm	OK.	-
1210180127	B	3	3	18 AWG	PUR CSA/UL 20668	Czarny/Black	6,5+/-0,2 mm	OK.	-
1210180127	B	3	4	18 AWG	PUR CSA/UL 20668	Czarny/Black	7+/-0,2 mm	OK.	-
-	B	3	5	18 AWG	PUR CSA/UL 20668	Czarny/Black	7,8+/-0,2 mm	OK.	-
1210180073	D	3	3	0,75 mm2	PVC TI2 CEI 20-20	Szary/Grey	-	-	-
1210180145	D	3	4	0,75 mm2	PVC TI2 CEI 20-20	Szary/Grey	-	-	-
1210180120	I	3	3	0,75 mm2	PVC CEI 2022 II O.R.	Szary/Grey RAL7035	-	-	-
1210180143	I	3	4	0,75 mm2	PVC CEI 2022 II O.R.	Szary/Grey RAL7035	-	-	-
1210180032	N	3	2	0,75 mm2	PVCH05	Czarny/Black	6,2+ 0,2-0 mm	OK.	-
1210180069	N	3	3	0,75 mm2	PVCH05	Czarny/Black	6,6+0,2-0 mm	OK.	-
-	N	3	4	0,75 mm2	PVCH05	Czarny/Black	7,15+0,2-0 mm	OK.	-
1210180174	N	3	5	0,75 mm2	PVCH05	Czarny/Black	8,0+0,2-0 mm	OK.	-
-	P	3	2	0,75 mm2	PUR - BLEND	Czarny/Black	6,5+/-0,2 mm	OK.	-

TABELA 2 KABLE/TABLE 2 CABLES

MOLEX PN	mPm	Code	PRZEW	PRZEKROJ	MATERIAL	KOLOR/COLOUR	SREDNICA Ø	DIN A-B	DIN C
1210180071	P	3	3	0,75 mm2	PUR - BLEND	Czarny/Black	6,5+/-0,2 mm	OK.	-
1210180152	P	3	4	0,75 mm2	PUR - BLEND	Czarny/Black	7+/-0,2 mm	OK.	-
1210180384	R	3	3	0,75 mm2	TPR HAL. FREE	Czarny/Black	6,5+/-0,2 mm	OK.	-
1210180094	T	3	3	0,75 mm2	PUR CSA/UL	Żółty/Yellow	-	-	-
1210180309	Y	3	3	0,75 mm2	SIL/0300	Czerwony/Red	6,5+/-0,2 mm	-	-
1210180081	F	4	3	1 mm2	CNOMO	Szary/Grey RAL7000	-	-	-
-	F	4	4	1 mm2	CNOMO	Szary/Grey RAL7000	7,1+0,2-0 mm	OK.	-
1210180042	I	4	2	1 mm2	PVC CEI 2022 II O.R.	Szary/Grey RAL7035	7,1+0,2-0 mm	OK.	-
1210180079	I	4	3	1 mm2	PVC CEI 2022 II O.R.	Szary/Grey RAL7035	7,1+0,2-0 mm	OK.	-
1210180036	N	4	2	1 mm2	PVCH05	Czarny/Black	6,5+0,2-0 mm	OK.	-
1210180082	N	4	3	1 mm2	PVCH05	Czarny/Black	6,9+0,2-0 mm	OK.	-
1210180117	R	4	3	1 mm2	TPR HAL. FREE	Czarny/Black	-	-	-
1210180085	N	5	3	1,5 mm2	PVCH05	Czarny/Black	8,3+0,2-0 mm	OK.	-
1210180313	I	6	2	0,35 mm2	PVC CEI 2022 II O.R.	Szary/Grey RAL7035	-	-	-
-	A	7	3	20 AWG	PVC CSA/UL 2661	Żółty/Yellow	5,6+/-0,2 mm	OK.	OK.
1210180149	I	9	4	0,75 mm2	PVC CEI 2022 II O.R.	Szary/Grey RAL7035	-	-	-

TABELA 1 TYPY KABLI/TABLE 1 CABLES TYPE

Znakowanie /Code	Rodzaje kabla /Cable types	Właściwości /Features	Przekroje /Stranding
N	PVC	Kabel z dobrą rezystancją w wodzie ale słabą w oleju./Application general purpose cable which has good resistance to water, but usually poor oil resistance.	0.5 mm2 = 15 x 0.20 0.75 mm2 = 21 x 0.20 1 mm2 = 28 x 0.20
I	PVC	Zatwierdzone przez IEC 332-2A, samogasnący./Approved to IEC 332-2A, flame retardant and self extinguishing. Limited resistant to mineral oils.	0.5 mm2 = 28 x 0.15 0.75 mm2 = 42 x 0.15 1 mm2 = 32 x 0.20
P	PVC	Dobra rezystancja w olejach i chemikaljach./Offer good resistance to oil and chemicals. Can swell when constantly immersed in water.	0.5 mm2 = 28 x 0.15 0.75 mm2 = 42 x 0.15 1 mm2 = 32 x 0.20
A	PVC	Zatwierdzony przez CSA-UL 2661. Dobra rezystancja na wodę słabą na olej./ Approved to CSA-UL 2661, application general purpose cable which has good resistance to water, but usually poor oil resistance.	20 AWG = 32 x 0.15 18 AWG = 52 x 0.15
B	PVC	Zatwierdzony przez CSA-UL 20668, bardzo dobra rezystancja w oleju i chemikaljach./ Approved to CSA-UL 20668, very good resistance to oil and chemicals.	20 AWG = 32 x 0.15 18 AWG = 52 x 0.15

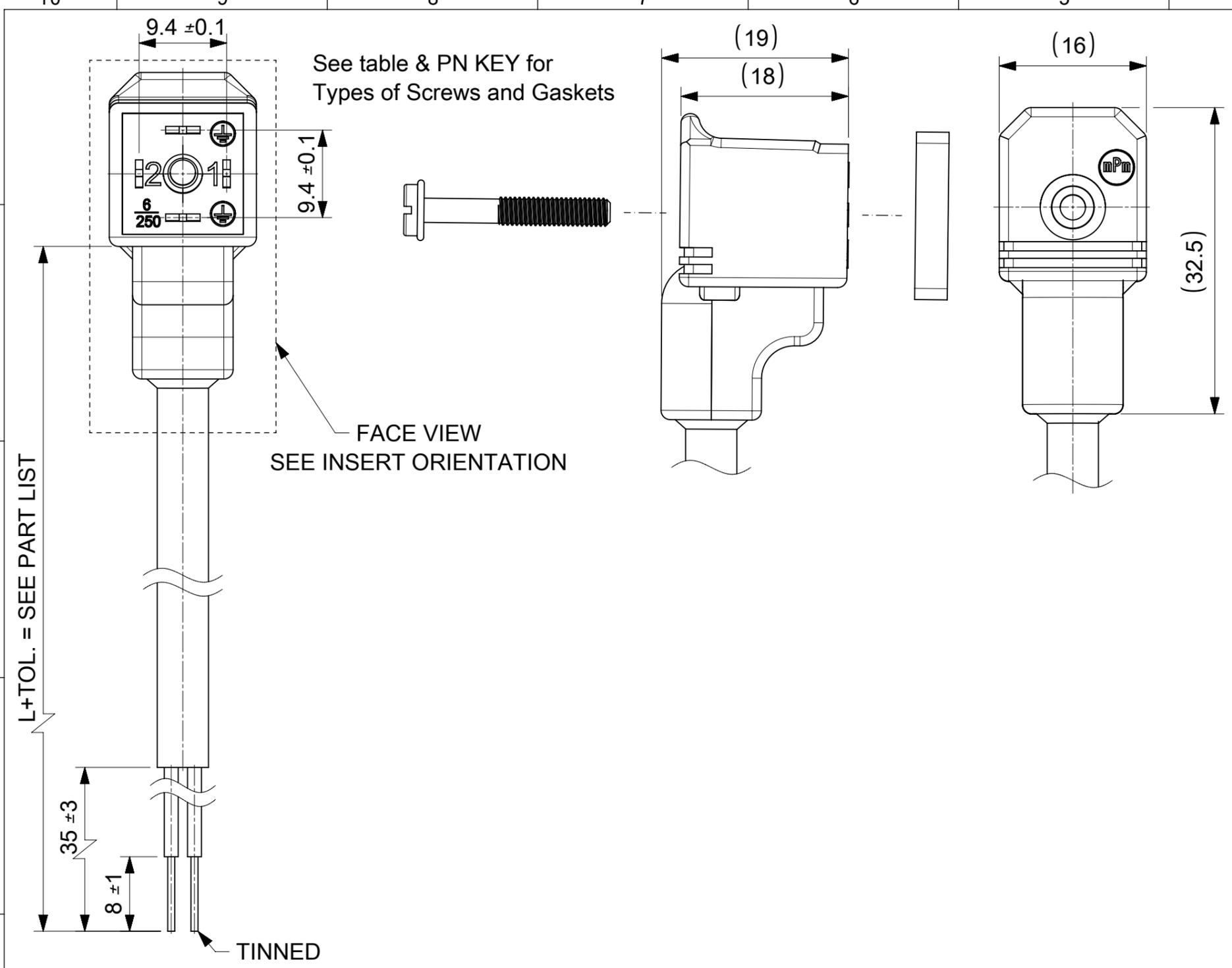
ORIGINAL RELEASE EC NO: WEU2009-0449 DRWIN: MWOL SZCZAK 2009/06/30 CHYKD: MDABROWSKA 2009/07/01 APPR: GOGRODNIK 2009/07/01	QUALITY SYMBOLS  =0  =0	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE MM ONLY	SCALE ---	DESIGN UNITS METRIC	 FIRST ANGLE PROJECTION	
		4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± --- ± --- 1 PLACE ± --- ± ---	DRAWN BY DATE MLEVYTSKYY 2009/01/21	TITLE MPM E33XXXXXXXXXX			
		ANGULAR ± ---°	CHECKED BY DATE MDABROWSKA 2009/01/21	MOLEX INCORPORATED			
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	APPROVED BY DATE MWOLSZCZAK 2009/01/21	MATERIAL NO. SEE DRAWING	DOCUMENT NO. E33XXXXXXXXXX	SHEET NO. 3 OF 4	

TABELA 3/CHART 3

MX PN	WH PN
1210401008	E331I2N60011
1210400653	E331I2N80021
1210400400	E331N2N15011
1210400412	E332N2N02012
1210400912	E332N2N02511
1210400414	E332N2N03011
1210400415	E332N2N05011
1210400422	E332N2N10011
1210400423	E332N2N10012
1210400436	E332N2N20011
1210400437	E332N2N20012
1210400438	E332N2N20021
1210400439	E332N2N20061
1210400445	E332N2N30011
1210400446	E332N2N30012
1210400451	E332N2N50011
1210400452	E332N2N50012
1210400453	E332N2N50021
1210400917	E332P2N05021
1210400981	E332P2N06011
1210400784	E332P2N20011
1210401012	E333A2A3002T
1210400672	E333I2N60061
1210400939	E331A2A10011
1210400993	E331I2N40011
1210400652	E331I2N50021
1210401129	E331N2N03012
1210401080	W332N2N2001

MOLEX PN	WOODHEAD PN
1210400979	E331IAN01511
1210401028	E331N2N05011
1210400432	E332N2N15011
1210400464	E333N2N06021
1210400717	E333P2N10K22
1210400428	E332N2N10K11

ORIGINAL RELEASE EC NO: WEU2009-0449 DRWN: MWOLSZCZAK 2009/06/30 CHKD: MDABROWSKA 2009/07/01 APPR: GOGRODNIK 2009/07/01	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	FIRST ANGLE PROJECTION		
	 = 0  = 0	4 PLACES	mm	INCH	DRAWN BY	DATE	TITLE			
		3 PLACES	± ---	± ---	MLEVYTSKY	2009/01/21	MPM E33XXXXXXXXXX			
		2 PLACES	± ---	± ---	MDABROWSKA	2009/01/21	MOLEX INCORPORATED			
	1 PLACE	± ---	± ---	APPROVED BY	DATE	DOCUMENT NO.		SHEET NO.		
	ANGULAR ± ---°		MATERIAL NO.		E33XXXXXXXXXX		4 OF 4			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SEE DRAWING		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					



WIRING CONFIGURATION		
E331XXXXXXXX	BROWN BLUE	1 2
E332XXXXXXXX	BROWN BLUE GREEN/YELLOW	1 2 ⊕
E333XXXXXXXX	BROWN BLUE BLACK GREEN/YELLOW	1 2 3 ⊕

INSERT ORIENTATION	
2 POLES + 2 EART ON H6/H12	
E33XXXXXXXX1X	
2 POLES + 1 EART ON H12	
E33XXXXXXXX2X	
2 POLES + 1 EART ON H6	
E33XXXXXXXX6X	
3 POLES + 1 EART ON H12	
E333XXXXXXXX2X	
3 POLES + 1 EART ON H6	
E333XXXXXXXX6X	

TYPES OF SCREWS AND GASKETS		
Flat Gasket	Profiled Gasket	Screw M3x20
		Screw M3x20
		NBR Washer

SYMBOLS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC: MIGRATED		molex	
▽ = 0	mm	SCALE	2:1				
▽ = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)			EC NO: 622780		E33XXXXXXXXX	
▽ = 0	ANGULAR TOL ± °			DRWN: MDHARMANTI 2019/07/25		DIN FORM MICRO	
▽ = 0	4 PLACES ±			CHK'D: RSILLER 2019/08/22		PRODUCT CUSTOMER DRAWING	
▽ = 0	3 PLACES ±			APPR: RSILLER 2019/08/22		DOCUMENT NUMBER	
▽ = 0	2 PLACES ±			INITIAL REVISION:		SD-121040-001	
▽ = 0	1 PLACE ±			DRWN: MLEVYTSKY 2010/02/09		DOC TYPE	
▽ = 0	0 PLACES ±			APPR: MDYSZEWSKA 2012/01/11		PSD	
▽ = 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			THIRD ANGLE PROJECTION		DOC PART	
▽ = 0				DRAWING		REVISION	
				A3-SIZE		001	
				SERIES		C	
				121040		SHEET NUMBER	
				SEE PART LIST		1 OF 3	
				GENERAL MARKET			

