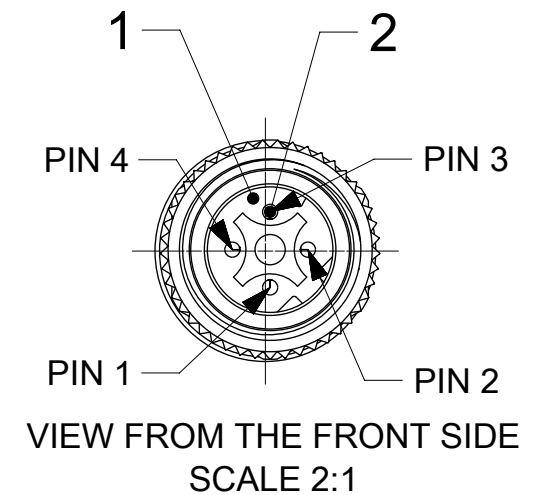


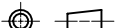
OPTIONS



CABLE TYPE	WIRE GAUGE	CABLE JACKET	UL	CSA	STATIC	FLEXING	DRAG CHAIN TESTED	OTHER
CAB-12 4P(12)	0.34mm ²	PUR GREEN	STYLE 21215	YES	-40°C TO +80°C >5xO.D.	-10°C TO +70°C >7.5xO.D.	2 mio CYCLES	WSOR

PROTECTION : IP67
OPERATING TEMPERATURE:
FOR M12 CONNECTOR: -25°C TO +85°C
FOR CABLE: -40°C TO +80°C (FIXED)
 -10°C TO +70°C (FLEX)
TRANSMISSION CHARACTERISTICS ACCORDING
TO ISO/IEC 11801 CLASS D CHANNEL, WITH
INSERTION LOSS BEING IGNORED FOR CABLE
LENGTHS ≤ 1 m OR ≥ 65 m

ITEM	QTY.	DESCRIPTION	MATERIAL	FINISH/COLOR
1	2	INSERT	PUR	BLACK
2	8	PIN CONTACT	COPPER ALLOY	GOLD OVER NICKEL PLATED
3	2	COUPLING NUT	BRASS	NICKEL PLATED
4	-	OVERMOULD	TPU	BLACK
5	-	CABLE	PUR	GREEN
6	1	LABEL	VINYL	YELLOW
7	SEE PN MATRIX	ID CARRIER	PVC	TRANSPARENT

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: UPDATED VOLTAGE & CURRENT RATINGS AS PER STANDARDS.			molex							
	mm		1:1												
	GENERAL TOLERANCES (UNLESS SPECIFIED)														
	ANGULAR TOL ± 1.0 °														
	4 PLACES		±					EC NO: 847581 DRWN: NIKHIS3 2026/02/02 CHK'D: APAWLAK01 2026/02/17 APPR: HKNEELAND 2026/02/18			CSE M12 ETH 4P DC MA STR WSOR XM DE				
	3 PLACES		±												
	2 PLACES		± 0.05												
	1 PLACE		± 0.3		INITIAL REVISION: DRWN: BBRAUCH 2014/10/16 APPR: CBURGER 2014/10/16			DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION			
	0 PLACES		± 0.5					SD-120108-072		PSD	001	A9			
DIVISIONAL SYMBOLS		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
						A3-SIZE		120108		SEE SHEET 2		GENERAL MARKET		1 OF 2	

[illegible]

LENGTH	TOLERANCE
0m-1m	+40 mm
>1m-5m	+60 mm
>5m-10m	+80 mm
>10m-20m	+140 mm
>20m-30m	+160 mm
>30m	+1% length

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: UPDATED VOLTAGE & CURRENT RATINGS AS PER STANDARDS. EC NO: 847581 DRWN: NIKHIS32026/02/02 CHK'D: APAWLAK012026/02/17 APPR: HKNEELAND2026/02/18 INITIAL REVISION: DRWN: BBRAUCH2014/10/16 APPR: CBURGER2014/10/16												
	mm		1:1														
	GENERAL TOLERANCES (UNLESS SPECIFIED)																
	ANGULAR TOL ± 1.0 °																
	4 PLACES		±														
DIVISIONAL SYMBOLS	3 PLACES		±		PRODUCT CUSTOMER DRAWING												
	2 PLACES		± 0.05														
	1 PLACE		± 0.3														
	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		120108		SD-120108-072		PSD		001		A9	
										MATERIAL NUMBER		CUSTOMER				SHEET NUMBER	
										SEE PART LIST		GENERAL MARKET				2 OF 2	