

9	8	7
PART NO.	ENGINEERING NO.	FINISHED LENGTH
1300100863	114030K12M005	0.5M
1300100864	114030K12M010	1.0M
1300100865	114030K12M020	2.0M

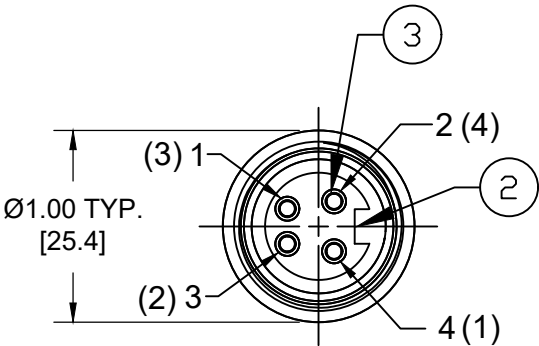
- NOTES:
- MATERIAL: SEE TABLE
 - FINISH: SEE TABLE
 - ELECTRICAL:
VOLTAGE: 483V PER IEC 60664
600V PER UL 2238
CURRENT: 10A (E)
 - TEMP RATING: -20°C TO +90°C
 - PROTECTION: IP67 (WHEN MATED)
 - COUPLING THREAD: 7/8-16
 - UL LISTED FILE: E152210
 - ALL DIMENSIONS ARE FOR REFERENCE
UNLESS TOLERANCED OR NOTED OTHERWISE
 - PARTS WITH "H" IN MATRIX HAVE TWO ID
CARRIERS ONE ON EACH SIDE

MECHANICAL CHARACTERISTICS:	
TORSIONAL FLEX TEST	20 MILLION CYCLES PER MIL-C-13777G
BEND FLEX TEST	20 MILLION CYCLES PER MIL-C-13777G
WELD SLAG RESISTANCE	WOODHEAD STANDARD S-300

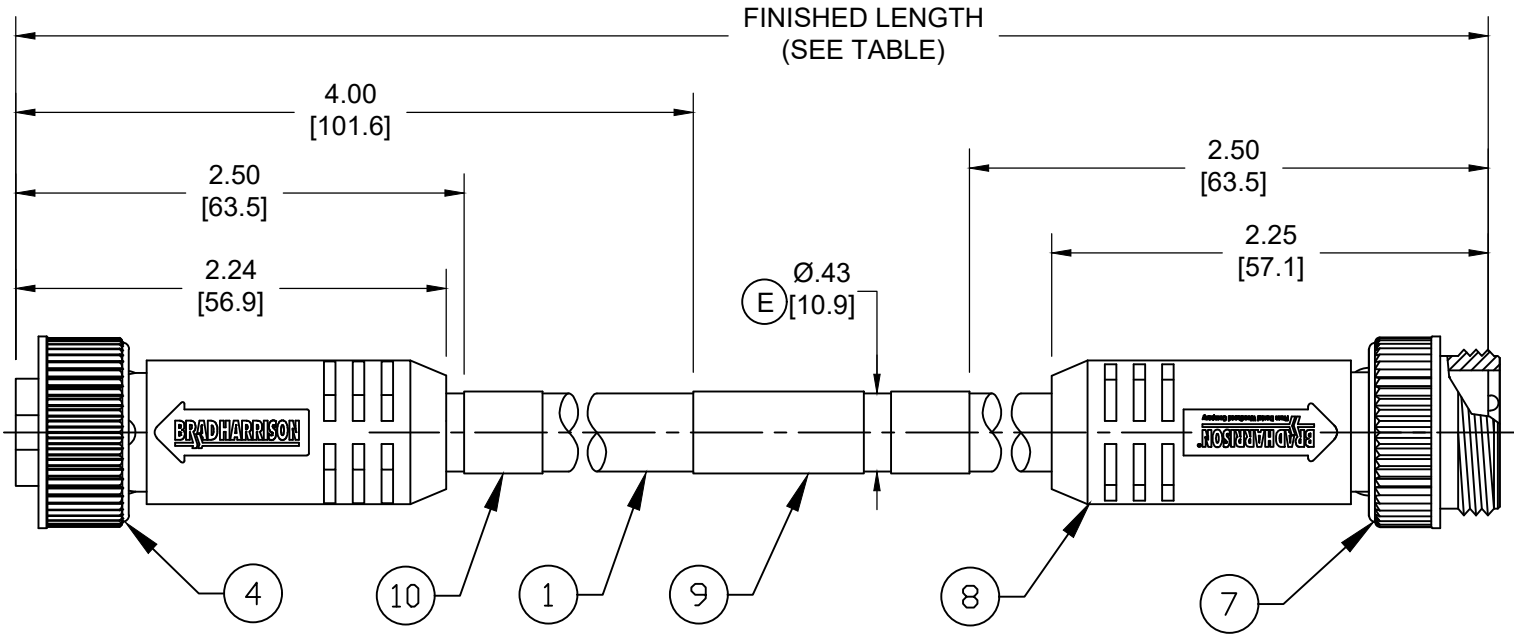
10	ID CARRIER	PVC	CLEAR
9	WRAP LABEL	VINYL	BLACK/YELLOW
8	OVERMOLD	TPE	YELLOW
7	COUPLING, MALE	ZINC DIE-CAST	BLACK
6	CONTACT PIN	COPPER ALLOY	GOLD PLATED
5	MALE INSERT (A-SIZE)	TPE	YELLOW
4	COUPLING, FEMALE	ZINC DIE-CAST	BLACK
3	CONTACT SOCKET	COPPER ALLOY	GOLD PLATED
2	FEMALE INSERT (A-SIZE)	TPE	YELLOW
1	CABLE, 16/4 TC-ER (HI-FLEX)	TPE JACKET	YELLOW
ITEM	COMPONENT	MATERIAL	FINISH

DOCUMENT STATUS	P1	RELEASE DATE	2020/10/21	19:11:24
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9	8	7	6	5	4	3	2	1
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FEMALE FACE VIEW

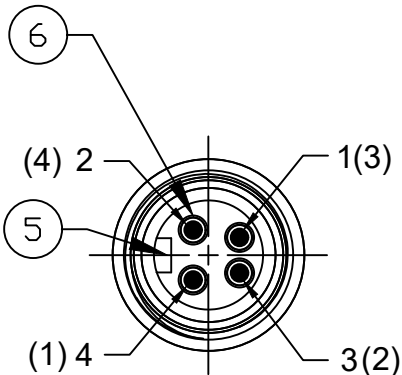


CENELEC EN 50 044 PINOUT SHOWN
(SAE-J-1738A SHOWN IN PARENTHESIS)

4 (1)	BLACK	4 (1)
3 (2)	BLUE	3 (2)
1 (3)	BROWN	1 (3)
2 (4)	WHITE	2 (4)

PART NO. MATRIX
114030K12XXXXH

LENGTH ID CARRIER
M010 = 1 METER H - SEE NOTE 8
M100 = 10 METER BLANK - NO ID CARRIERS
F050 = 5 FEET
F500 = 50 FEET
T=100 METER
T001 = 101 METER
T010 =110 METER



MALE FACE VIEW

CABLE LENGTH TOLERANCES	
<.3M [1FT]:	+19mm-0 [+1.75in-0]
.3 - .9M [1 - 3FT]:	+44.5mm-0 [+1.75in-0]
.9 - 1.8M [3 - 6FT]:	+55.6mm-0 [+2.19in-0]
1.8 - 3.7M [6 - 12FT]:	+88.9mm-0 [+3.50in-0]
3.7 - 7.3M [12 - 24FT]:	+165.1mm-0 [+6.50in-0]
7.3-14.6M [24 - 48FT]:	+317.5mm-0 [+12.50in-0]
14.6 - 30.5M [48-100FT]:	+622.3mm-0 [+24.50in-0]
OVER 30M [100FT]	+2% OF FINISHED 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 AMPERAGE AND TEMPLATE			molex							
	INCH/MM		NTS												
	GENERAL TOLERANCES (UNLESS SPECIFIED)				MINI-CHANGE CORDSET 4P MALE/FEMALE ST/ST #16/4 TPE CABLE										
	mm		INCH												
4 PLACES		±----		EC NO: 646474											
3 PLACES		±----		DRWN: ALEON01 2020/10/14											
2 PLACES		±----		CHK'D: CCHRASTKA 2020/10/19											
DIVISIONAL SYMBOLS	1 PLACE		±----		APPR: BWOODMAN 2020/10/21		PRODUCT CUSTOMER DRAWING								
	INITIAL REVISION:														
	0 PLACES		±----		DRWN: VOU 2012/01/19		DOCUMENT NUMBER		DOC TYPE/DOC PART/REVISION						
	ANGULAR TOL ± ---- °				APPR: JFMURPHY 2012/03/08		SD-130010-016		PSD 001 E						
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER
						B-SIZE		130010		SEE CHART		GENERAL MARKET		1 OF 1	

Mouser Electronics

Authorized Distributor

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Molex:

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