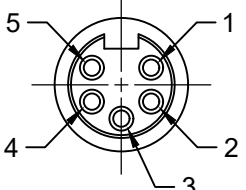


FRONT VIEW - FEMALE INSERT



NOTES:

1. MATERIAL: SEE TABLE

2. FINISH: SEE TABLE

3. ELECTRICAL:

VOLTAGE: 400V PER IEC60664
600V PER UL2238

CURRENT: 8A

4. TEMP RATING: -20°TO +90°C

5. PROTECTION: IP67 (WHEN MATED)

6. COUPLING THREAD: 7/8-16 UN

7. UL LISTED FILE: E152210

8. ALL DIMENSIONS ARE FOR REFERENCE
UNLESS TOLERANCED OR NOTED OTHERWISE

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	WRAP LABEL	VINYL	BLACK/YELLOW
9	FRICTION RING	NYLON	WHITE
8	OVERMOLD	TPE	YELLOW
7	COUPLING NUT, MALE	ZINC DIE-CAST	BLACK E-COAT
6	CONTACT PIN	COPPER ALLOY	GOLD OVER NICKEL
5	MALE INSERT	TPE	YELLOW
4	COUPLING NUT, FEMALE	ZINC DIE-CAST	BLACK E-COAT
3	CONTACT SOCKET	COPPER ALLOY	GOLD OVER NICKEL
2	FEMALE INSERT	TPE	YELLOW
1	CABLE, 16/5 AWG	TPE	YELLOW
ITEM	DESCRIPTION	MATERIAL	FINISH

PART NO	ENGINEERING NO.	FINISHED LENGTH
1300101828	115030K13M005	0.5M [1FT 8 IN]
1300101834	115030K13M500	50M [164FT]

9

3

Ø1.00

[25.4]

FEMALE FACE VIEW

2

4

10

1

FINISHED LENGTH

1

10

1

10

2.24

[56.9]

4.00

[101.6]

2.25

[57.2]

Ø.40

[10.2]

F1

S1

P2

8

7

8

7

6

5

Ø1.00

[25.4]

MALE FACE VIEW

1

2

3

4

5

WHITE

RED

GREEN/YELLOW

ORANGE

BLACK

1

2

3

4

5

WHITE

RED

GREEN/YELLOW

ORANGE

BLACK

PART NUMBER LEGEND

115030K13M005

FINISHED LENGTH
F010= 1 FEET
M005= 0.5 METER
M010= 1 METER
M100= 10 METER
T100= 100 METER

CABLE LENGTH TOLERANCES

<.3M [1FT]: +19mm-0 [+.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

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											
DIMENSION UNITS INCH/MM		SCALE NTS		CURRENT REV DESC: REMOVED OBSOLETE PART NUMBERS AS PER PCN#517292			mo MINI-CHANGE CORDSET, A-SIZE 5 POLE, MALE - FEMALE, STRAIGHT, SINGLE KEY, #16/5 AWG HI-FLEX				
GENERAL TOLERANCES (UNLESS SPECIFIED)											
	mm	INCH	EC NO: 838027			DOCUMENT NUMBER			DOC TYPE	DOC PART	REVISION
4 PLACES	±----	±----	DRWN: RAGHAH3 2025/09/17			SD-130010-017			PSD	001	F2
3 PLACES	±----	±----	CHK'D: GGA 2025/10/30			PRODUCT CUSTOMER DRAWING					
2 PLACES	±----	±----	APPR: GGA 2025/10/30								
1 PLACE	±----	±----	INITIAL REVISION:								
0 PLACES	±----	±----	DRWN: VOU 2012/02/27								
ANGULAR TOL ± ---- °			APPR: JFMURPHY 2013/04/05								
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		