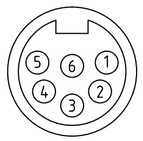
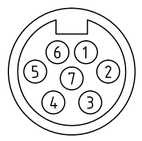
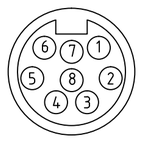
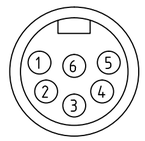
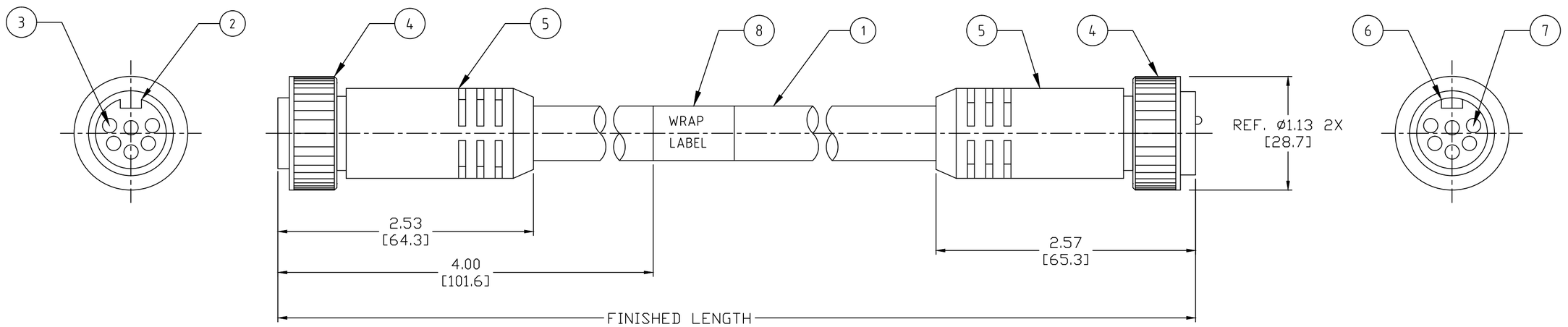
FACE VIEW-FEMALE INSERT			FACE VIEW-MALE INSERT		
					
1 ORANGE 2 BLUE 3 BLACK 4 WHITE 5 RED 6 GREEN/YELLOW	1 WHITE/BLACK 2 BLACK 3 WHITE 4 RED 5 ORANGE 6 BLUE 7 GREEN/YELLOW	1 ORANGE 2 BLUE 3 WHITE/BLACK 4 BLACK 5 WHITE 6 RED 7 GREEN/YELLOW 8 RED/BLACK	1 ORANGE 2 BLUE 3 BLACK 4 WHITE 5 RED 6 GREEN/YELLOW	1 WHITE/BLACK 2 BLACK 3 WHITE 4 RED 5 ORANGE 6 BLUE 7 GREEN/YELLOW	1 ORANGE 2 BLUE 3 WHITE/BLACK 4 BLACK 5 WHITE 6 RED 7 GREEN/YELLOW 8 RED/BLACK

A1 CHART

PART NO.	ENGINEERING NO.	FINISHED LENGTH
1300110075	227020A01M010	1.0M
1300110076	227020A01M020	2.0M
1300110077	227020A01M030	3.0M



NOTES:
1. MATERIAL: AS NOTED
2. FINISH: AS NOTED
3. ELECTRICAL:
   6 POLE: VOLTAGE: 400V PER IEC60664 (A1)
   600V PER UL2238
   CURRENT: 8A
   7 POLE: VOLTAGE: 320V PER IEC60664 (A1)
   600V PER UL2238
   CURRENT: 8A

   8 POLE: VOLTAGE: 320V PER IEC60664 (A1)
   600V PER UL2238
   CURRENT: 7A

4. TEMP RATING: -20°TO +105°C
5. PROTECTION: IP67 (WHEN MATED)
6. COUPLING THREAD: 1"-16 UN
7. UL RECOGNIZED PER FILE: E152210 (A1)
8. ALL DIMS ARE FOR REFERENCE
   UNLESS NOTED OTHERWISE

PART NUMBER LEGEND

227020A01M010

POLES (6,7,8)

FINISHED LENGTH:
M005= 0.5 METER
M010= 1 METER
M100= 10 METER

F010= 1 FOOT
F100= 10 FEET

(A1) 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

ITEM	DESCRIPTION	MATERIAL	FINISH
8	WRAP LABEL	VINYL	BLACK/YELLOW
7	CONTACT PIN	COPPER ALLOY	GOLD PLATED
6	MALE INSERT	PVC	YELLOW
5	OVERMOLD	PVC	YELLOW
4	COUPLING	ZINC DIE-CAST	BLACK
3	CONTACT SOCKET	COPPER ALLOY	GOLD PLATED
2	FEMALE INSERT	PVC	YELLOW
1	CABLE, 16AWG, TPE,STOOW	PVC JACKET	YELLOW

IEC VOLT CHANGE, ADD CHART & LEN. TOLS 4/26/17
EC NO: IPG2017-0977
DRWN: RSTONE 2017/04/28
CH'KD: M ZIELIN
APPR: BWOODMAN2016/12/20
DESCRIPTION
REV
A1

QUALITY SYMBOL
▼=0
Ⓒ=0

GENERAL TOLERANCES (UNLESS SPECIFIED)	mm	INCH
4 PLACES	±---	±---
3 PLACES	±---	±---
2 PLACES	±---	±---
1 PLACE	±---	±---
ANGULAR ±1/2°		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: INCH/MM
SCALE: ---
DESIGN UNITS: INCH
THIRD ANGLE PROJECTION

DRAWN BY: RSTONE DATE: 2016/11/30
CHECKED BY: K COX DATE: 2016/12/07
APPROVED BY: BWOODMAN DATE: 2016/12/20

TITLE: MINI CHANGE CORD ASSY MALE/FEMALE 6-8P B SIZE, 16 AWG

MOLEX INCORPORATED

MATERIAL NO.: -
DOCUMENT NO.: SD-130011-006
SHEET NO.: 1 0F 1

SIZE: C

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