MATERIAL NO.	LENGTH	REF. OVERALL LENGTH
847022001	1 FT 0 IN (0.3M)	1 FT 4.4 IN (0.42M)
847022003	3 FT 0 IN (0.9M)	3 FT 4.4 IN (1.03M)
847022006	6 FT 0 IN (1.8M)	6 FT 4.4 IN (1.94M)
847022007	7 FT 0 IN (2.1M)	7 FT 4.4 IN (2.25M)
847022009	9 FT 0 IN (2.7M)	9 FT 4.4 IN (2.85M)
847022010	10 FT 0 IN (3.1M)	10 FT 4.4 IN (3.16M)
847022012	12 FT 0 IN (3.7M)	12 FT 4.4 IN (3.77M)

MATERIAL NO.	LENGTH	REF. OVERALL LENGTH
847022015	15 FT 0 IN (4.4M)	15 FT 4.4 IN (4.68M)
847022020	20 FT 0 IN (6.1M)	20 FT 4.4 IN (6.21M)
847022021	21 FT 0 IN (6.4M)	21 FT 4.4 IN (6.51M)
847022030	30 FT 0 IN (9.1M)	30 FT 4.4 IN (9.26M)
847022050	50 FT 0 IN (15.2M)	50FT 4.4 IN (15.35M)

CABLE LENGTH TOLERANCES
<.3M [1FT]: +19mm-0 [+.75in-0]
.3 - .9M [1 - 3FT]: +44.5mm-0 [+1.75in-0]
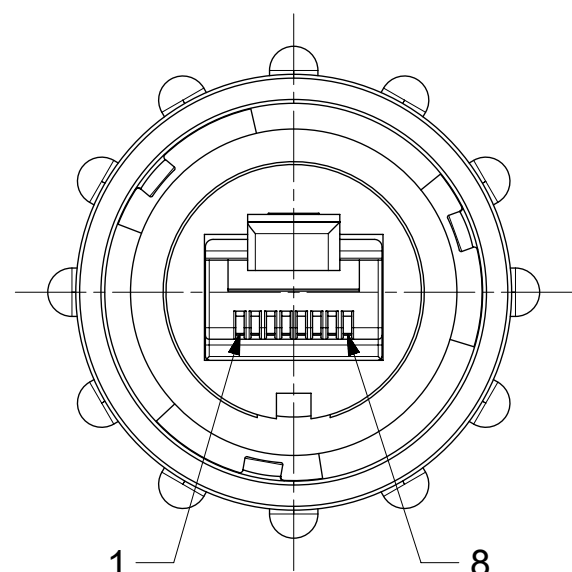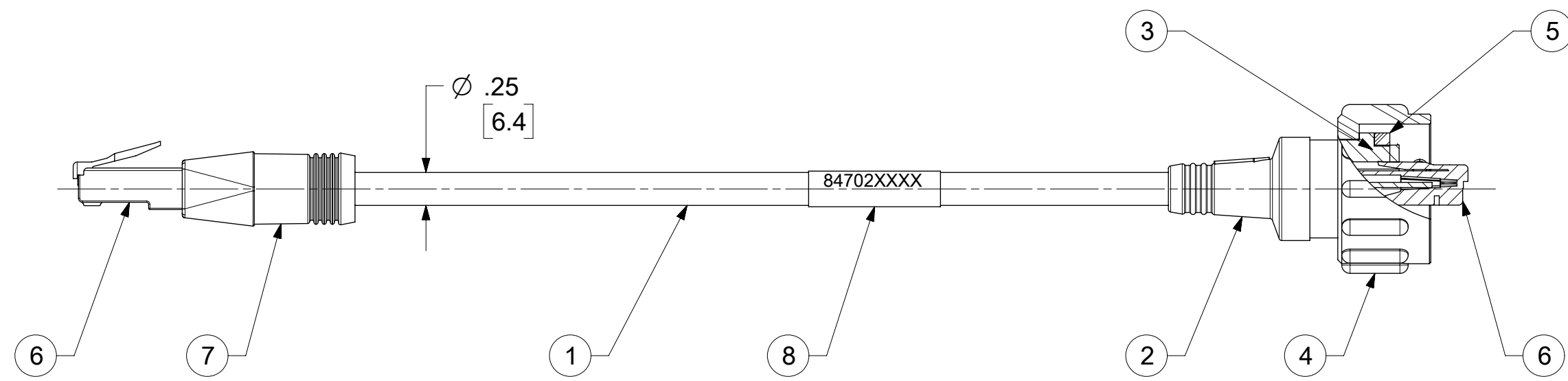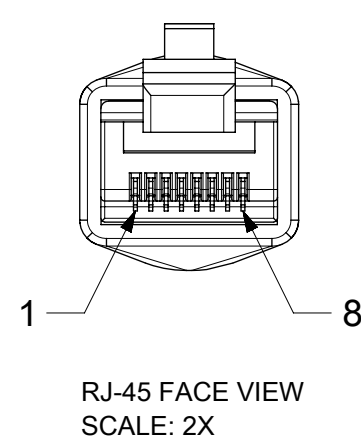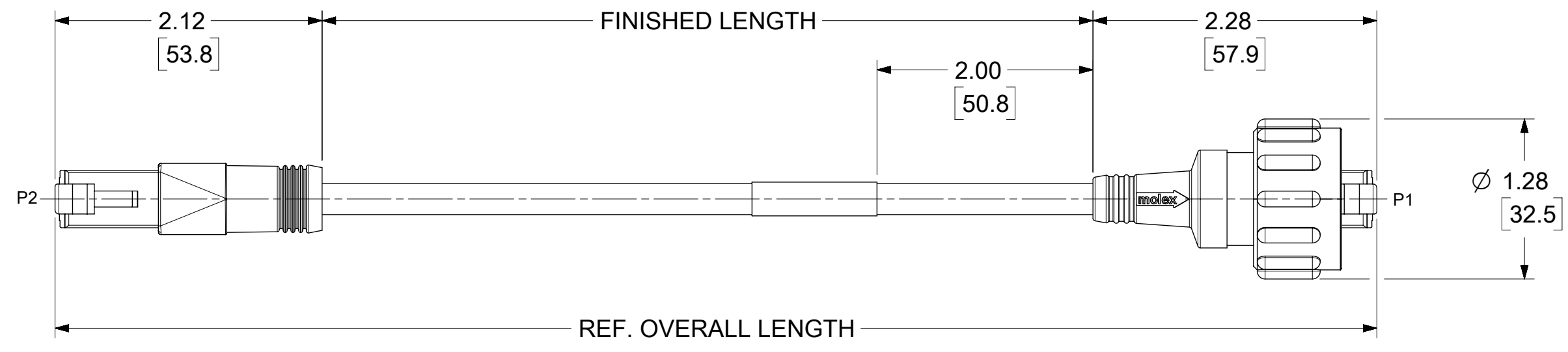.9 - 1.8M [3 - 6FT]: +55.6mm-0 [+2.19in-0]
1.8 - 3.7M [6 - 12FT]: +88.9mm-0 [+3.50in-0]
3.7 - 7.3M [12 - 24FT]: +165.1mm-0 [+6.50in-0]
7.3-14.6M [24 - 48FT]: +317.5mm-0 [+12.50in-0]
14.6 - 30.5M [48-100FT]: +622.3mm-0 [+24.50in-0]
OVER 30M [100FT] +2% OF FINISHED LENGTH

2.12 / 53.8
FINISHED LENGTH
2.00 / 50.8
2.28 / 57.9
⌀ 1.28 / 32.5
P2
P1
REF. OVERALL LENGTH

⌀ .25 / 6.4
84702XXXX

RJ-45 FACE VIEW
SCALE: 2X

RJ-45 FACE VIEW
(BAYONET COUPLING)
SCALE: 2X

NOTES:
1. MATERIAL: AS NOTED
2. FINISH: AS NOTED
3. ELECTRICAL:
   VOLTAGE: 125V
   CURRENT: 1.5A
4. TEMP RATING: -20°C TO +80°C
5. PROTECTION: IP67 (WHEN MATED)
6. MATES WITH STANDARD & BAYONET
   STYLE RJ-45 JACK ASSEMBLIES.
7. ASSEMBLY IS ROHS COMPLIANT
8. ALL DIMS ARE FOR REFERENCE UNLESS
   TOLERANCED OR NOTED OTHERWISE

P2		P1
1	WHITE-ORANGE	1
2	ORANGE	2
3	WHITE-GREEN	3
4	BLUE	4
5	WHITE-BLUE	5
6	GREEN	6
7	WHITE-BROWN	7
8	BROWN	8

WIRE DIAGRAM
(TIA/EIA 568B)

PRE-RELEASE REFERENCE USE ONLY

ITEM	DESCRIPTION	MATERIAL	DESCRIPTION
8	WRAP LABEL	VINYL	BLACK/YELLOW
7	RJ-45 OVERMOLD	TPC	BLACK
6	RJ-45 PLUG, SHIELDED	PER VENDOR SPEC	GOLD PL. CONTACTS
5	GASKET SEAL	NITRILE	BLACK
4	RJ-45 COUPLING RING	PBT	BLACK
3	RJ-45 HOLDER	PBT	BLACK
2	OVERMOLD BODY	TPC	BLACK
1	#24-4 PAIR ENET CBL CAT 6	PVC JACKET	GRAY

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

FUNCTIONAL SYMBOLS
DIMENSION UNITS: INCH/MM
SCALE: 1:1

DIVISIONAL SYMBOLS

GENERAL TOLERANCES (UNLESS SPECIFIED)

	MM	INCH
4 PLACES	±	±
3 PLACES	±	±
2 PLACES	±	±
1 PLACE	±	±
0 PLACES	±	±
ANGULAR TOL	±	°

CURRENT REV DESC: REDRAW TO NX, UPDATE NOTES, ADD CABLE LENGTH TOLS

EC NO: 658727
DRWN: RSTONE — 2020/10/26
CHK'D: MZIELINSKI — 2021/03/23
APPR:
INITIAL REVISION:
DRWN: S GILBERT — 2003/11/18
APPR: pwaltz — 2003/11/19

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

THIRD ANGLE PROJECTION

molex

RJ45 CORD ASSEMBLY
MALE BAYONET TO MALE NO DRAIN WIRE

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-84702-002	PSD	001	L

DRAWING: C-SIZE
SERIES: 84702
MATERIAL NUMBER: SEE MAT. NO CHART
CUSTOMER: GENERAL MARKET
SHEET NUMBER: 1 OF 1

DOCUMENT STATUS | RV | RELEASE DATE