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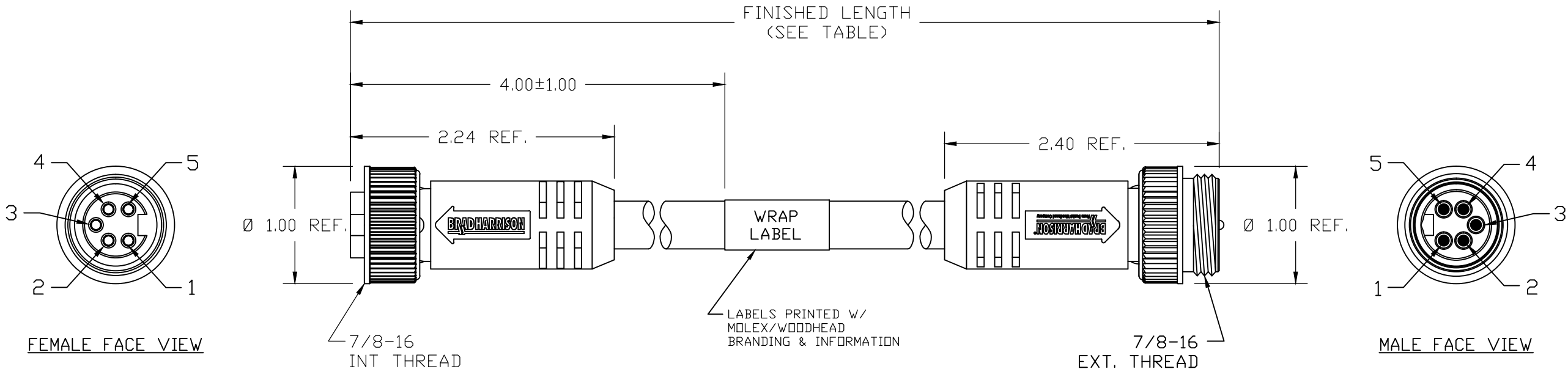
E

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SPECIFICATIONS:

COUPLING NUT MATERIAL: ZINC DIECAST WITH BLACK ELECTROPHORETIC COATING
CONTACT MATERIAL: GOLD/NICKEL OVER COPPER ALLOY
INSERT MATERIAL: YELLOW TPE
OVERMOLD MATERIAL: YELLOW TPE

CABLE: #16/5 YELLOW TPE
TC-ER & FT4 RATED

ASSEMBLY RATING: 600V, 8A ①

ENVIRONMENTAL: -20°C TO 90°C
IP67 WHEN MATED

AGENCY APPROVAL: UL LISTED

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

1	WHITE	1
2	RED	2
3	GREEN/YELLOW	3
4	ORANGE	4
5	BLACK	5

MOLEX SAP P/N#	ENGINEERING P/N#	"L" (Meters)	"L" (INCH)	TOLERANCE (INCH)
1300101828	115030K13M005	0.5 M	19.68"	+1.75"/-0.00"
1300100102	115030K13M010	1.0 M	39.37"	+2.19"/-0.00"
1300101865	115030K13M015	1.5 M	59.05"	+2.19"/-0.00"
1300100103	115030K13M020	2.0 M	78.74"	+3.50"/-0.00"
1300101866	115030K13M025	2.5 M	98.42"	+3.50"/-0.00"
1300100104	115030K13M030	3.0 M	118.11"	+3.50"/-0.00"
1300101867	115030K13M035	3.5 M	137.79"	+3.50"/-0.00"
1300101750	115030K13M040	4.0 M	157.48"	+6.50"/-0.00"
1300100105	115030K13M050	5.0 M	196.85"	+6.50"/-0.00"
1300101758	115030K13M060	6.0 M	236.22"	+6.50"/-0.00"
1300101771	115030K13M080	8.0 M	314.96"	+12.50"/-0.00"
1300100106	115030K13M100	10.0 M	393.70"	+12.50"/-0.00"
1300101639	115030K13M120	12.0 M	472.44"	+12.50"/-0.00"
1300101640	115030K13M150	15.0 M	590.55"	+24.50"/-0.00"
1300101843	115030K13M200	20.0 M	787.40"	+24.50"/-0.00"
1300101844	115030K13M250	25.0 M	984.25"	+24.50"/-0.00"
1300101833	115030K13M300	30.0 M	1181.10"	+24.50"/-0.00"
1300101845	115030K13M400	40.0 M	1574.80"	+31.50"/-0.00"
1300101834	115030K13M500	50.0 M	1968.50"	+39.37"/-0.00"
1300101835	115030K13M600	60.0 M	2362.20"	+47.24"/-0.00"

UPDATED AMP FROM 10A TO 8A		DESCRIPTION REV	QUALITY SYMBOLS ▽=0 ▽C=0	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE INCH ONLY		SCALE 1:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION					
EC NO: IPG2016-1491 DRWN: GGUSTAFS 2016/05/04 CHKD: TWOLDEGE 2016/05/20 APPR: BWOODMAN2013/04/05	D				mm	INCH	DRAWN BY VOU	DATE 2012/02/27	TITLE MINI-CHANGE CORDSET 5P MALE/FEMALE ST/ST #16/5 TPE CABLE							
				4 PLACES	±---	±---	CHECKED BY TWOLEDGE	DATE 2013/03/04								
				3 PLACES	±---	±.005	APPROVED BY JFMURPHY		DATE 2013/04/05	DOCUMENT NO. SD-130010-017						
				2 PLACES	±0.13	±.010										
				1 PLACE	±0.25	±.020	SHEET NO. 1 OF 1									
				ANGULAR ±1/2°												
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				MATERIAL NO. SEE CHART												
				SIZE B	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											