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REVISION

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| ZONE | REV | DESCRIPTION | DATE | CHANGED BY | APPROVED |
|------|-----|-----------------|------------|------------|------------|
| | A | INITIAL RELEASE | 05/27/2025 | TDFRENE | GUTTADAURO |

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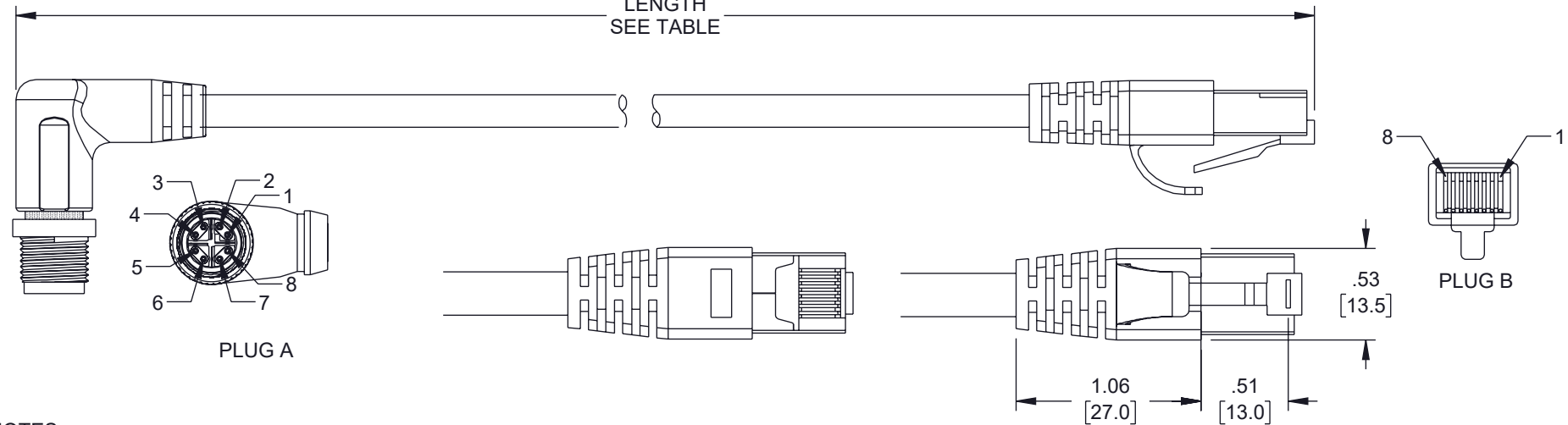
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B

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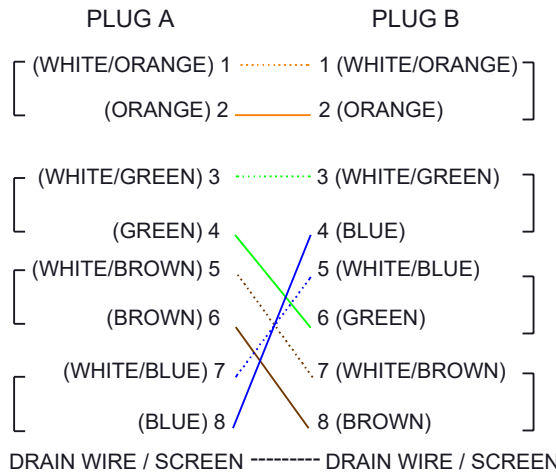
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NOTES:

- CABLE:**
 STRUCTURE: S/FTP 26AWG 4 PAIR PATCH CABLE CAT.7;
 JACKET: PUR, OD: 6.4 0.3mm; MARKING: CTi IEC 61156-6
 CATEGORY 7 S/FTP PATCH CABLE 4 PAIR 26AWG TPU
 BATCH NUMBER 00000001M (SEQUENTIAL LENGTH IN
 METERS); PLUG: M12; MOLDED: PUR; ZPSG017: RJ-45,
 PLUG 8P8C, RJ-45, PLUG 8P8C, SHIELDED, PIN GOLD
 PLATED 50MICRO-INCH, 2 PRONGS, DOUBLE LAYER
 INSERT (OD=1.1mm), UL94V-0.
- PATCH CABLE:**
 IP CLASS: IP20, OPERATING TEMPERATURE RANGE:
 -40°C TO +85°C; FREQUENCY: 500MHZ; TRANSMISSION
 RATE: UP TO 10Gbps; POE: CAPABLE; PIN ASSIGNMENT:
 1:1; ASSIGNMENT ACC. STANDARD: IEC-61076-2-109;
 FLAME RESISTANCE: UL444 CMX; UV RESISTANCE: IEC
 60068-2-5 (2 CYCLE OF PROCEDURE B); OIL
 RESISTANCE: UL758 60°C; HALOGEN-FREE: IEC 60754-1.
- CONNECTOR:**
 TYPE: CIRCULAR M12, X-CODE, MALE, MOUNTED; PINS:
 8; CATEGORY: CAT 6A; IP CLASS: IP68; TEMPERATURE
 RANGE -25°C TO +85°C; SHIELDED; DURABILITY: 500
 MATING CYCLES; INSULATION RESISTANCE: >100 MOhm;
 CONTACT RESISTANCE: 10 mOhm MAX; WITHSTANDING
 VOLTAGE: 500V AC/MINUTE.



| PART NO. | LENGTH |
|----------------|--------------|
| TRG613-P6N-05M | 19.69 [0.5m] |
| TRG613-P6N-1M | 39.37 [1m] |
| TRG613-P6N-3M | 118.11 [3m] |
| TRG613-P6N-5M | 196.85 [5m] |
| TRG613-P6N-10M | 393.7 [10m] |

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 LEADING DIMENSIONS ARE INCHES
 DIMENSIONS IN [] ARE MILLIMETERS

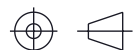
TOLERANCES:
 .X = ±.2 [5] FRACTIONS
 .XX = ±.02 [0.5] ± 1/32
 .XXX = ±.005 [0.13] ANGLES ± 1°

CABLE LENGTH TOLERANCES:
 ≤12 [305] = +1 [25] / -0
 >12 [305] ≤ 60 [1524] = +2 [51] / -0
 >60 [1524] ≤ 120 [3048] = +4 [102] / -0
 >120 [3048] ≤ 300 [7620] = +6 [152] / -0
 >300 [7620] = +5% / -0

ALL DIMENSIONS ARE FOR REFERENCE ONLY
 AND SUBJECT TO CHANGE WITHOUT NOTICE.
 UN-DIMENSIONED/NON-CRITICAL FEATURES
 MAY VARY IN SIZE AND LOCATION
 COLORS MAY VARY

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INTERPRET ALL DIMENSIONS AND
 TOLERANCES PER ASME Y14.5

SCALE SHEET
 NONE 1 OF 1

DESCRIPTION
 M12 CATEGORY 6A 10GIG IP68 8 POSITION X CODE DOUBLE
 SHIELDED S/FTP, 26AWG, OUTDOOR INDUSTRIAL CABLE,
 RAM12M RJ45M, CMX HFPUR, GRN

| SIZE | CAGE CODE | DRAWN BY | ITEM NO. | REV |
|------|-----------|----------|------------|-----|
| A | 43321 | TDFRENE | TRG613-P6N | A |

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