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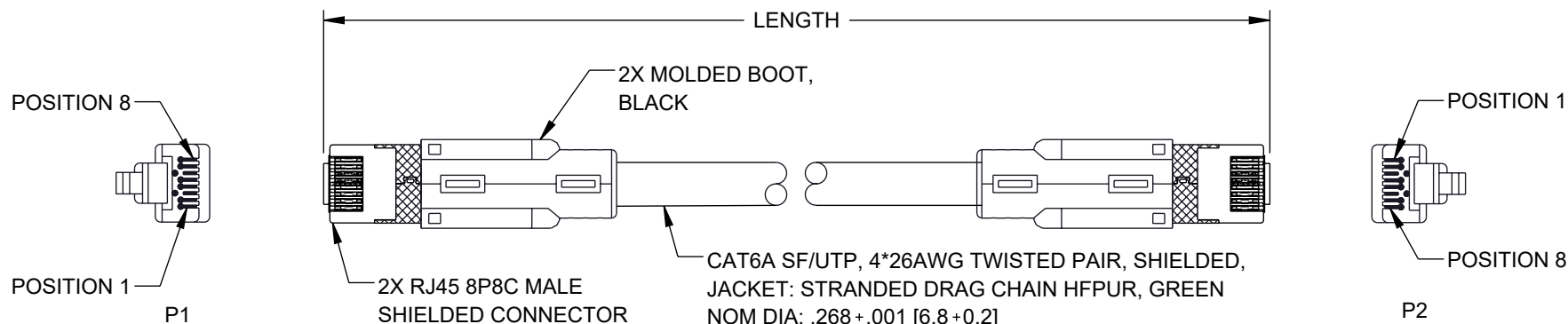
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REVISION

ZONE	REV	DESCRIPTION	DATE	CHANGED BY	APPROVED
	B	UPDATED PER ECO-13673	06/25/2024	HBASSE	DGUST



NOTES:

PHYSICAL:

- CONDUCTOR TYPE: 26AWG, STRANDED BC.
- INSULATION: HDPE.
- CONDUCTOR DIA: 0.98 ± 0.05 mm.
- CONNECTOR: 50U" GOLD PLATED.
- MINIMUM AVERAGE CABLE THICKNESS: 0.8 mm.
- CONNECTOR MATERIAL: PC.
- CONTACT MATERIAL: COPPER ALLOY, GOLD PLATING - 50µm.

ELECTRICAL:

- BANDWIDTH: 5000 MHz.
- NOMINAL VOLTAGE RATING: 30 V.
- RESISTANCE: $7.89\Omega/100m$ (MAXIMUM).
- IMPEDANCE: 100Ω .
- CAPACITANCE: $5600pf/100m$.
- PROPAGATION DELAY: $545ns/100m$ (MAXIMUM).
- DELAY SKEW: $45ns/100m$ (MAXIMUM).
- PASS FLUKE DSX 8000 CHANNEL TEST.

ENVIRONMENTAL:

- INSTALLATION TEMPERATURE RANGE: $0^{\circ}C$ TO $\sim 50^{\circ}C$
- OPERATING TEMPERATURE RANGE: $-40^{\circ}C$ TO $\sim 80^{\circ}C$

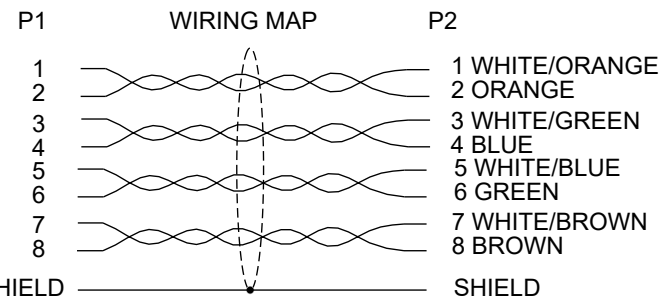
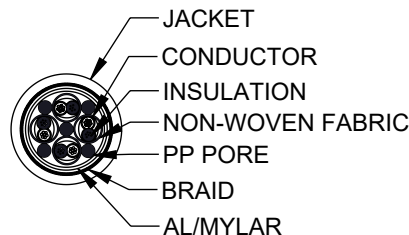
MISCELLANEOUS

- CABLE ASSEMBLY TO BE TESTED FOR CONTINUITY.
- CABLE ASSEMBLY SHALL BE INDIVIDUALLY PACKAGED.

REGULATORY COMPLIANCE:

EU RoHS DIRECTIVE (MOST RECENTLY RELEASED VERSION).

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ITEM NO	LENGTH [TOL.]	
	METERS [mm]	FEET [IN]
PC601-05M	0.5 [+35/-15]	1.64 [+1.38/- .59]
PC601-1M	1 [+35/-20]	3.28 [+1.38/- .79]
PC601-2M	2 [+35/-30]	6.56 [+1.38/-1.18]
PC601-3M	3 [+35/-30]	9.84 [+1.38/-1.18]
PC601-5M	5 [±60]	16.40 [±2.36]
PC601-10M	10 [±80]	32.81 [±3.15]

UNLESS OTHERWISE SPECIFIED
LEADING DIMENSIONS ARE INCHES
DIMENSIONS IN [] ARE MILLIMETERS

TOLERANCES:

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

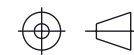
CABLE LENGTH TOLERANCES:
≤12 [305] = +1 [25] / -0
>12 [305] ≤ 60 [1524] = +2 [51] / -0
>60 [1524] ≤ 120 [3048] = +4 [102] / -0
>120 [3048] ≤ 300 [7620] = +6 [152] / -0
>300 [7620] = +5% / -0

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

PROFINET C6a 4P RJ45 SF/UTP 26STR PUR GRN

SIZE	CAGE CODE	DRAWN BY	ITEM NO.	REV
A	3SVT8	KGLEBOVA	PC601	B

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