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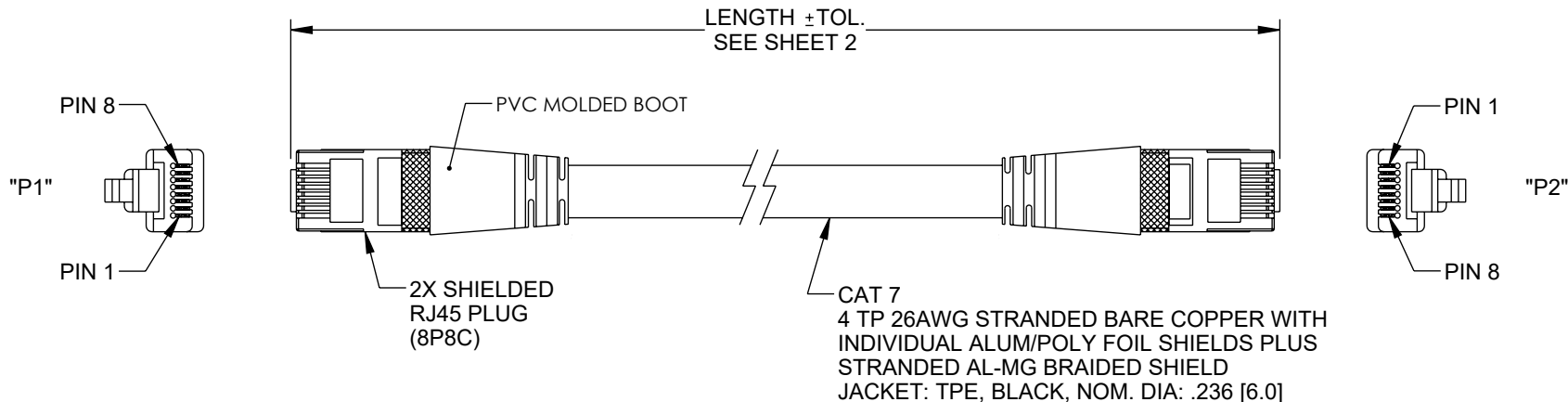
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REVISION					
ZONE	REV	DESCRIPTION	DATE	CHANGED BY	APPROVED
	B	ECO-14184	1/10/2025	KDANG	GUTTADAURO



NOTES:

PHYSICAL CHARACTERISTICS:

- CABLE TYPE: CAT 7 S/FTP
- TEMPERATURE RATING:
 - INSTALLATION: -20°C~60°C
 - OPERATION: -40°C~80°C
- VOLTAGE RATING: 30V
- DURABILITY: 1 MILLION CYCLES AT 10X O.D.
- UV, OIL AND WELD SPLATTER RESISTANT JACKET.

MECHANICAL CHARACTERISTICS:

- CONTACT MATERIAL: COPPER ALLOY, 50U"GOLD PLATING

ELECTRICAL CHARACTERISTICS:

- CONDUCTOR DC RESISTANCE: 15.2 Ω /100M (MAXIMUM)
- IMPEDANCE: 100 Ω
- CAPACITANCE: 5600pf/100M
- PROPAGATION DELAY: 545ns/100M (MAXIMUM)
- DELAY SKEW: 45ns/100M (MAXIMUM)
- PASS FLUKE DSX 8000 CHANNEL TEST (5%TEST)
- BANDWIDTH: 600MHz

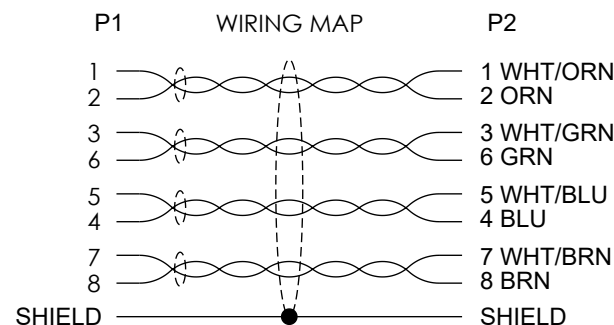
MISCELLANEOUS:

- CABLE ASSEMBLY TO BE TESTED FOR CONTINUITY.
- CABLE ASSEMBLY SHALL BE INDIVIDUALLY PACKAGED IN ACCORDANCE WITH L-COM SPECIFICATION PS-0031.

REGULATORY COMPLIANCE:

EU RoHS DIRECTIVE (MOST RECENT RELEASED VERSION)

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

TOLERANCES:

X = $\pm$ 2 [5]	FRACTIONS
.XX = $\pm$ 0.02 [0.5]	$\pm$ 1/32
.XXX = $\pm$ 0.005 [0.13]	ANGLES $\pm$ 1°

CABLE LENGTH TOLERANCES:

$\leq$ 12 [305]	$\pm$ 1 [25] / -0
$\leq$ 60 [1524]	$\pm$ 2 [51] / -0
$\leq$ 120 [3048]	$\pm$ 4 [102] / -0
$\leq$ 300 [7620]	$\pm$ 6 [152] / -0
$\leq$ 300 [7620]	$\pm$ 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 2

DESCRIPTION

Cat7 S/FTP 26AWG IND-OD-HF TPE

SIZE	CAGE CODE	DRAWN BY	ITEM NO.	REV
A	43321	DFRISIELLO	TRD726HFO-TB	B

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1

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1

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E

E

D

D

C

C

B

B

A

A

PART NUMBER	COLOR	LENGTH FEET [METERS]	TOLERANCE INCH [mm]
TRD726HFO-TB-05F	BLACK	0.5 [0.15]	+1.38/- .59 [+35/-15]
TRD726HFO-TB-1F	BLACK	1.0 [0.30]	+1.38/- .59 [+35/-15]
TRD726HFO-TB-3F	BLACK	3.0 [0.91]	+1.38/- .59 [+35/-15]
TRD726HFO-TB-5F	BLACK	5.0 [1.52]	+1.38/- .79 [+35/-20]
TRD726HFO-TB-7F	BLACK	7.0 [2.13]	+1.38/-1.18 [+35/-30]
TRD726HFO-TB-10F	BLACK	10.0 [3.04]	+1.38/-1.18 [+35/-30]
TRD726HFO-TB-15F	BLACK	15.0 [4.57]	+1.38/-1.18 [+35/-30]
TRD726HFO-TB-25F	BLACK	25.0 [7.62]	± 2.36[60]
TRD726HFO-TB-30F	BLACK	30.0 [9.14]	± 3.15 [80]
TRD726HFO-TB-40F	BLACK	40.0 [12.19]	± 3.15 [80]
TRD726HFO-TB-50F	BLACK	50.0 [15.24]	± 3.15 [80]
TRD726HFO-TB-65F	BLACK	65.0 [19.81]	± 3.15 [80]
TRD726HFO-TB-75F	BLACK	75.0 [22.86]	± 3.15 [80]
TRD726HFO-TB-100F	BLACK	100.0 [30.48]	± 3.15 [80]

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DIMENSIONS IN [] ARE MILLIMETERS

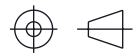
TOLERANCES:
X = ±.2 [5] FRACTIONS
XX = ±.02 [0.5] ± 1/32
XXX = ±.005 [0.13] ANGLES ± 1°

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

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INTERPRET ALL DIMENSIONS AND
TOLERANCES PER ASME Y14.5

SCALE	SHEET
NONE	2 OF 2

DESCRIPTION

Cat7 S/FTP 26AWG IND-OD-HF TPE

SIZE A	CAGE CODE 43321	DRAWN BY DFRISIELLO	ITEM NO. TRD726HFO-TB	REV B
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