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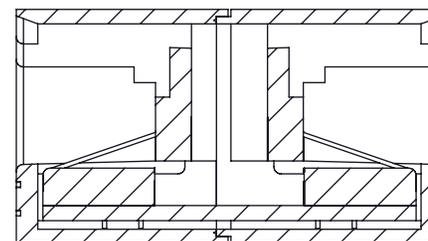
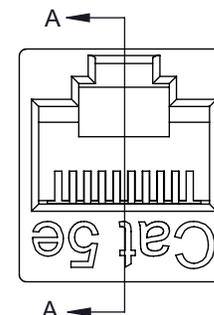
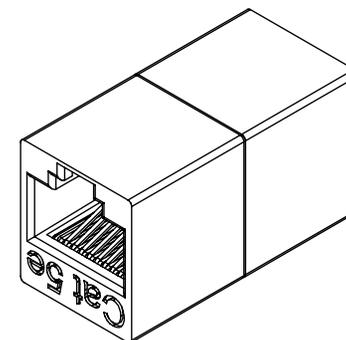
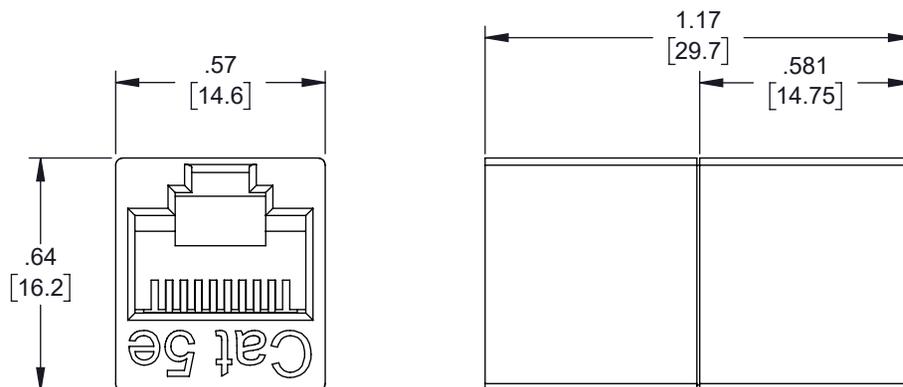
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REVISION

ZONE	REV	DESCRIPTION	DATE	CHANGED BY	APPROVED
	B	ECO-15361	02/10/2026	TDUFRENE	DGUST



SECTION A-A

NOTES:

- MATERIAL:**
 COUPLER HOUSING: ABS HIGH-IMPACT UL94V-0 THERMOPLASTIC
 SPRING WIRE: PHOSPHOR BRONZE 5210R TEMPER WIRE, T=0.3mm, 50u "GOLD OVER 100u"
 NICKEL UNDERCOAT
 CONTACT HOLDER: PBT HIGH-IMPACT UL94V-0 THERMOPLASTIC
- PHYSICAL CHARACTERISTICS:**
 INSERTION LIFE: 750 MATING CYCLES WITH FCC COMPLIANT RJ-45 PLUG
 CONTACT FORCE: 100 GRAMS WITH FCC COMPLIANT RJ-45 PLUG
 PLUG RETENTION FORCE: 11 lbf MIN
 OPERATING TEMPERATURE RANGE: -10°C TO 60°C
 STORAGE TEMPERATURE RANGE: -40°C TO 68°C
 HUMIDITY: 10%~90% RH
- ELECTRICAL:**
 INSULATION RESISTANCE 500MΩ
 DIELECTRIC WITHSTANDING VOLTAGE: 1000V
 DC CURRENT RATING: 1.5Amps
 DC RESISTANCE: 0.1Ω
 CONTACT RESISTANCE: 20mΩ

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

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

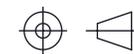
CABLE LENGTH TOLERANCES:
 ≤12 [305] = +1 [25] / -0
 >12 [305] ≤ 60 [1524] = +2 [51] / -0
 >60 [1524] ≤ 120 [3048] = +4 [102] / -0
 >120 [3048] ≤ 300 [7620] = +6 [152] / -0
 >300 [7620] = +5% / -0

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

CAT5E RJ45 FEMALE TO RJ45 FEMALE INLINE COUPLER
 ADAPTER - 8P8C - STRAIGHT PINOUT

SIZE	CAGE CODE	DRAWN BY	ITEM NO.	REV
A	3SVT8	TDUFRENE	512	B

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