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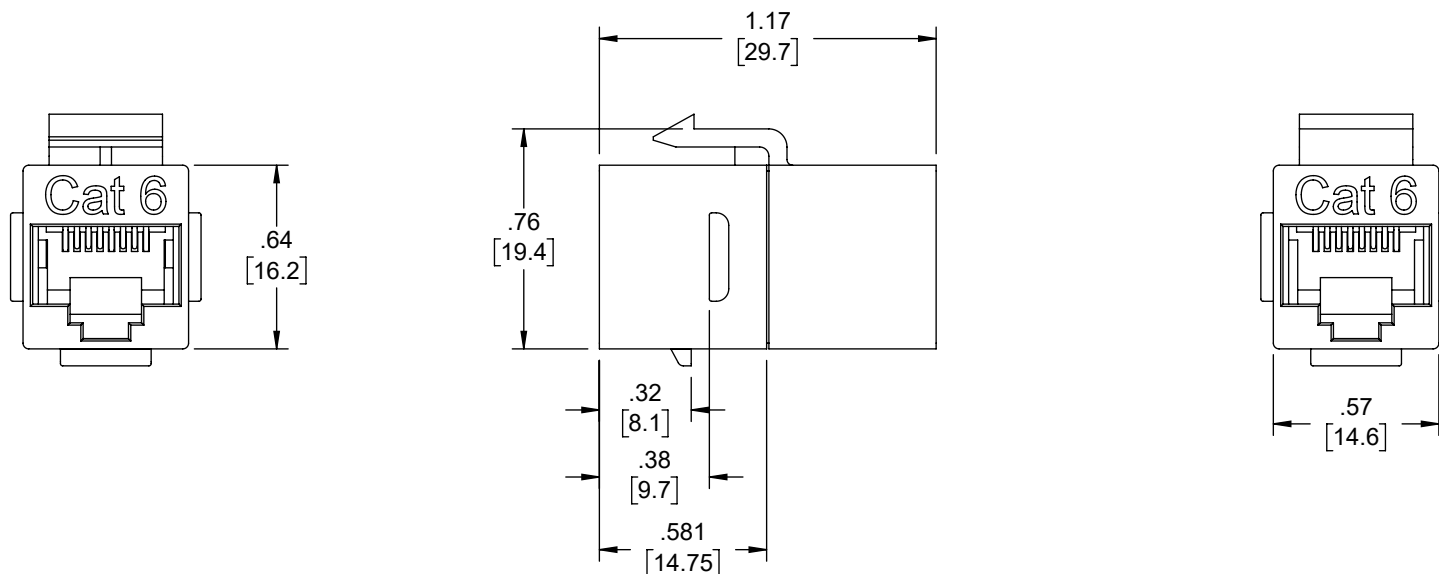
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REVISION

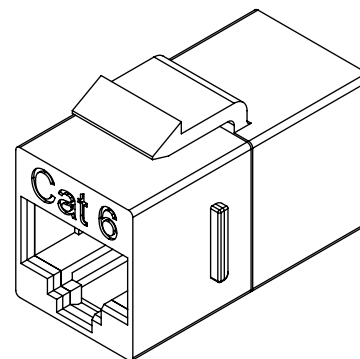
ZONE	REV	DESCRIPTION	DATE	CHANGED BY	APPROVED
	A	ECO-15584	03/10/2026	HBAKKE	DGUST



NOTES:

- MATERIAL:
COUPLER HOUSING: ABS HIGH-IMPACT UL94V-0 THERMOPLASTIC
SPRING WIRE: PHOSPHOR BRONZE 5210R TEMPER WIRE, T=0.3mm, 50μ"
GOLD OVER 100μ" 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
DIELECTIC WITHSTANDING VOLTAGE: 1000V
DC CURRENT RATING: 1.5A
DC RESISTANCE: 0.1Ω
CONTACT RESISTANCE: 20mΩ

REGULATORY COMPLIANCE:
EU RoHS DIRECTIVE (MOST RECENT RELEASED VERSION).



ITEM NUMBER	COLOR
406	BLUE
409	WHITE
411	GREEN
444	GRAY
457	ORANGE
460	PURPLE
461	RED
524	BLACK
543	YELLOW

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

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

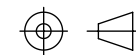
CABLE LENGTH TOLERANCES:
≤12 [305] = +1 [25] / -0
>12 [305] ≤ 60 [1524] = +2 [51] / -0
>60 [1524] ≤ 120 [3048] = +4 [102] / -0
>120 [3048] ≤ 300 [7620] = +6 [152] / -0
>300 [7620] = +5% / -0

CABLE LENGTH TOL. IAW IPC A-620
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 NONE SHEET 1 OF 1

DESCRIPTION
CAT6 RJ45 INLINE KEYSTONE COUPLER - BLUE

SIZE	CAGE CODE	DRAWN BY	ITEM NO.	REV
A	3SVT8	HBAKKE	406	A

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