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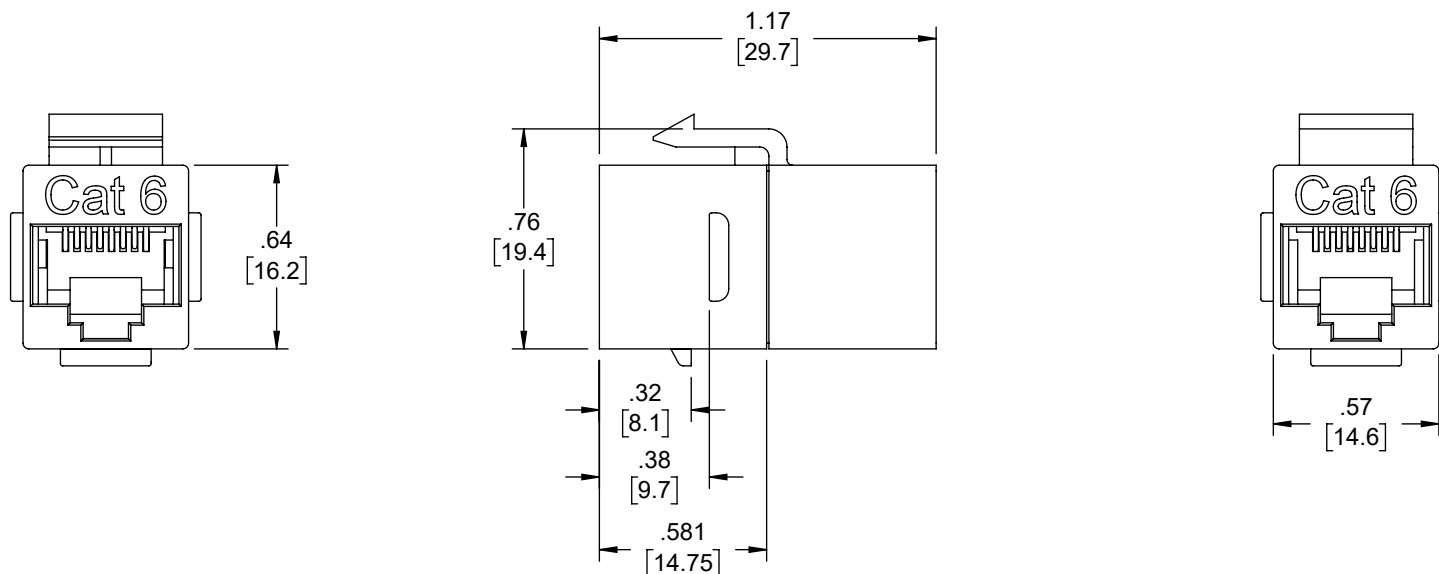
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## REVISION

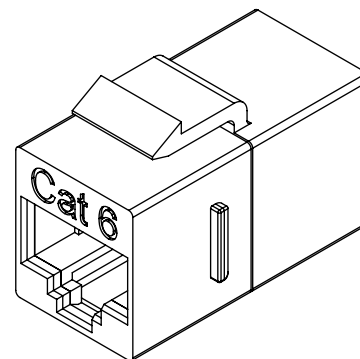
| ZONE | REV | DESCRIPTION | DATE       | CHANGED BY | APPROVED |
|------|-----|-------------|------------|------------|----------|
|      | A   | ECO-15584   | 03/10/2026 | HBAKKE     | DGUST    |



## 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

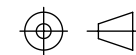
TOLERANCES:  
X = ±.2 [5]  
.XX = ±.02 [0.5]  
.XXX = ±.005 [0.13]  
FRACTIONS  
± 1/32  
ANGLES ± 1°

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 SHEET

NONE 1 OF 1

DESCRIPTION

CAT6 RJ45 INLINE KEYSTONE COUPLER - RED

| SIZE | CAGE CODE | DRAWN BY | ITEM NO. | REV |
|------|-----------|----------|----------|-----|
| A    | 3SVT8     | HBAKKE   | 461      | A   |

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