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## REVISION

ZONE	REV	DESCRIPTION	DATE	CHANGED BY	APPROVED
	C	ECO-15587	03/06/2026	HBAKKE	DGUST

F

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E

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D

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C

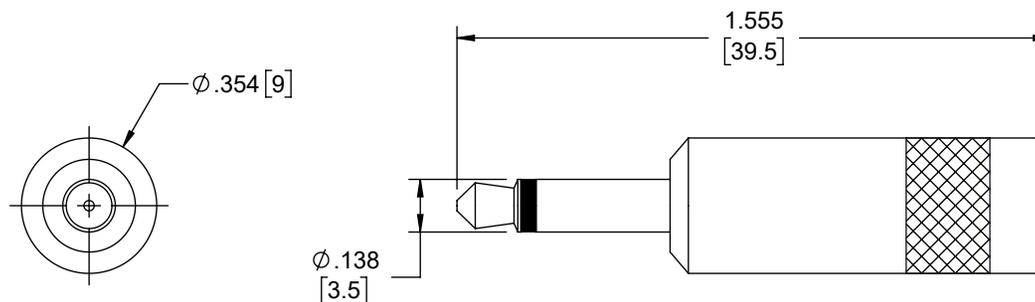
C

B

B

A

A



## SPECIFICATIONS:

ELECTRICAL  
 CONTACT RESISTANCE:  $\leq 10 \text{ M}\Omega$   
 INSULATION RESISTANCE:  $> 200 \text{ M}\Omega$  (INITIAL)  
 DIELECTRIC STRENGTH: 500V DC 50HZ

MECHANICAL  
 CABLE O.D.:  
 - MAX 4.5mm FOR STANDARD OUTLET  
 - MAX 6.4mm FOR LARGE OUTLET (\* L)  
 INSERTION AND WITHDRAWAL FORCE:  $\leq 60 \text{ N}$   
 LIFETIME:  $> 1,000$  MATING CYCLES

MATERIAL  
 PLUG FINGER: BRASS  
 SLEEVE: ZINC  
 CABLE CLAMP: STEEL  
 HOUSING: ZINC  
 INSULATION: PP  
 PLUG FINGER PLATING: NICKEL  
 SLEEVE PLATING: NICKEL  
 CABLE CLAMP PLATING: TIN  
 HOUSING PLATING: NICKEL

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

TOLERANCES:  
 .X =  $\pm 0.2$  [5]      FRACTIONS  
 .XX =  $\pm 0.02$  [0.5]       $\pm 1/32$   
 .XXX =  $\pm 0.005$  [0.13]      ANGLES  $\pm 1^\circ$

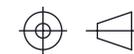
CABLE LENGTH TOLERANCES:  
 $\leq 12$  [305] =  $+1$  [25] / -0  
 $> 12$  [305]  $\leq 60$  [1524] =  $+2$  [51] / -0  
 $> 60$  [1524]  $\leq 120$  [3048] =  $+4$  [102] / -0  
 $> 120$  [3048]  $\leq 300$  [7620] =  $+6$  [152] / -0  
 $> 300$  [7620] =  $+5\%$  / -0

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  
 3.5mm MONO MALE SOLDER CONNECTOR - METAL

SIZE	CAGE CODE	DRAWN BY	ITEM NO.	REV
A	3SVT8	HBAKKE	974	C

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