

REVISION HISTORY			
REV	DATE	BY	DESCRIPTION
Q	15JUL2024	GJL/SAK	PRN: P2024-1174

PART NUMBER
AC-C□□□-□-□□□□-□□□

ACTUATOR FITTING TYPE
(SEE SHEET 4)

LATCH FITTING TYPE
(SEE SHEET 4)

SEE NOTE E WHEN SELECTING
CABLES WITH ONE FITTING

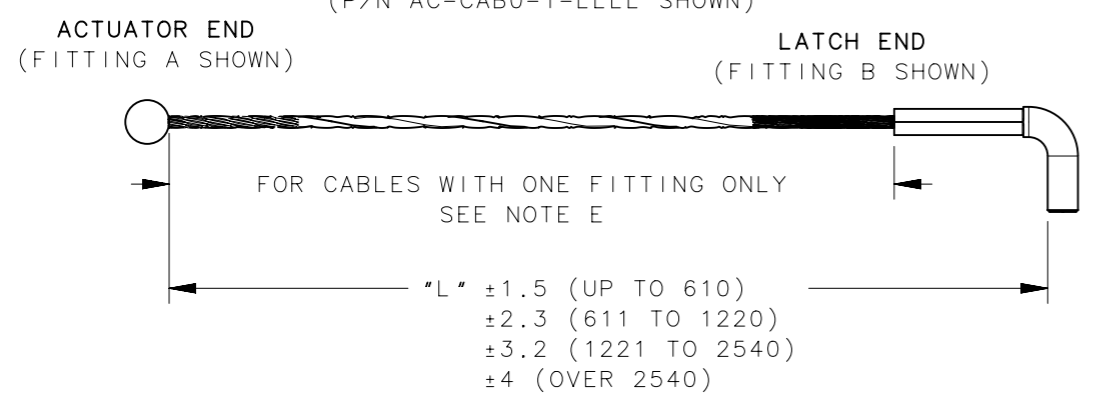
CABLE EXTENSION (mm) "T" = TA+TLC+TFL *
*(LATCH END ONLY)
3 DIGITS (Example: 55mm = 055)
(OMIT FOR CABLE OPTION 1 & 2)
(SEE NOTE D)

CABLE LENGTH (mm) "L"
4 DIGITS (Example: 250mm = 0250)

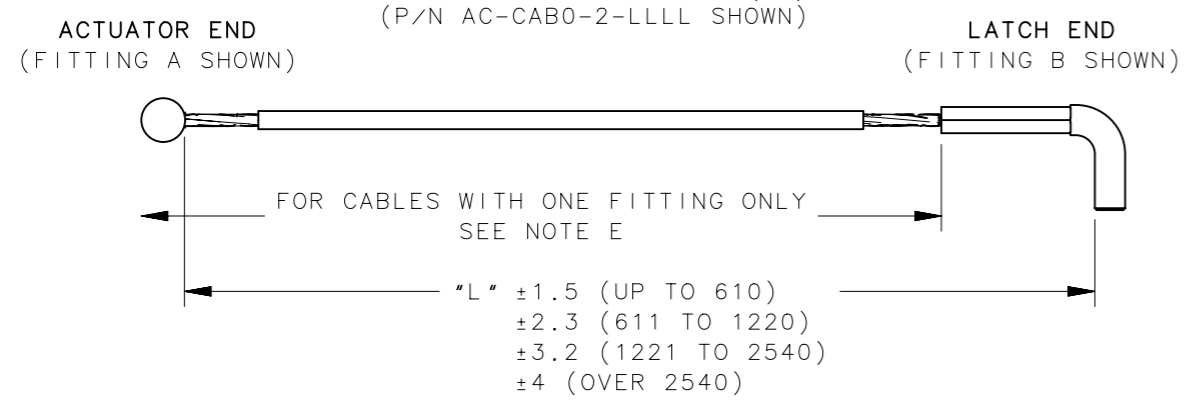
SPRING OPTION
(LATCH FITTING END ONLY)
0 = WITHOUT SPRING (FOR ALL CABLE TYPES)
1 = WITH SPRING (FOR 3, 6 & 7 CABLE TYPES ONLY)
NOTE: TLC MUST BE 29mm WHEN SPRING IS USED

CABLE AND CONDUIT OPTION	
1	BARE CABLE
2	COATED CABLE
4	JACKETED CABLE WITH THREADED AND SNAP RING RETAINERS
5	JACKETED CABLE WITH CONICAL END COUPLING AND SNAP RING RETAINER
6	JACKETED CABLE WITH SNUB END COUPLING AND THREADED RETAINER
7	JACKETED CABLE WITH SNUB AND CONICAL END COUPLING
8	JACKETED CABLE WITH SNUB END COUPLING AND SNAP RING RETAINER

BARE CABLES (1)
(P/N AC-CAB0-1-LLLL SHOWN)



COATED CABLES (2)
(P/N AC-CAB0-2-LLLL SHOWN)

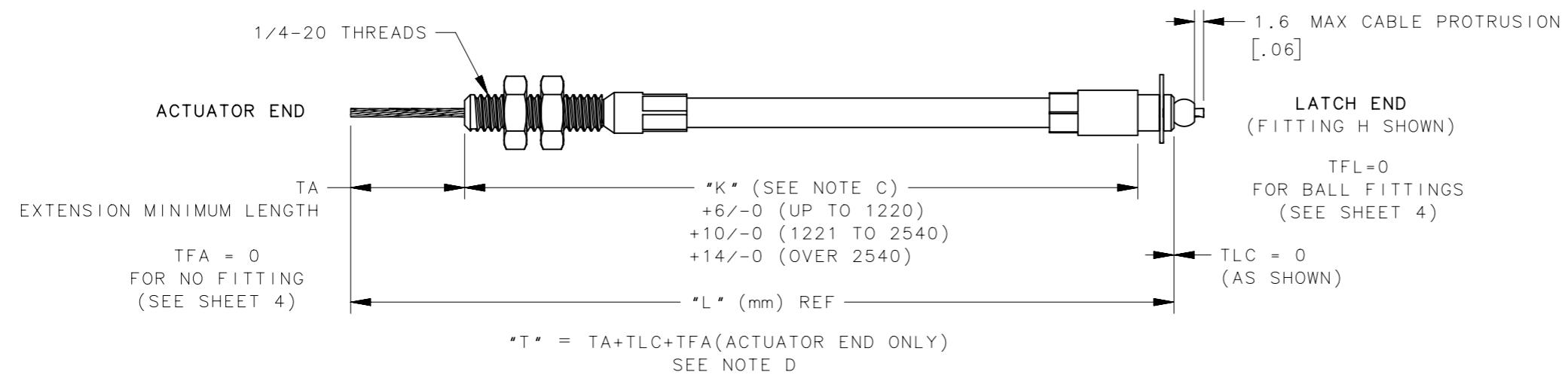


- NOTES:
- A. FITTINGS ON CABLES SHOWN FOR REFERENCE ONLY. FITTINGS DEPENDENT ON ACTUATOR AND LATCH SELECTED.
 - B. DATUM POINTS TO DEFINE LENGTH FOR SPECIFIC FITTINGS SHOWN ON SHEET 4.
 - C. "K" IS A DERIVED DIMENSION BASED ON CABLE EXTENSION AND CONDUIT TYPE.
 - D. "T" DIMENSION = TA+TLC+TFL (LATCH END ONLY), WHERE:
 TA = BARE CABLE LENGTH BETWEEN ACTUATOR END FITTING AND CONDUIT (SEE ACTUATOR J DRAWING)
 TLC = BARE CABLE LENGTH BETWEEN CONDUIT AND LATCH END FITTING
 TFL = LATCH END FITTING VALUE FROM PAGE 4. CONTACT SOUTHCO FOR "T" DIMENSION OF OTHER FITTING COMBINATIONS
 TFA = ACTUATOR END FITTING VALUE FROM SHEET 4 (NOT USED FOR EXTENSION VALUE "T" CALCULATION)
 - E. WHEN CABLE WITH ONLY ONE FITTING IS SELECTED, "L" DIMENSION IS FROM FITTING DATUM LINE TO END OF CABLE. REPLACE OMITTED FITTING TYPE WITH "0", (Example: AC-CA00-7-LLLL-TTT).

THIRD ANGLE PROJECTION				
MILLIMETERS [IN]	DESCRIPTION			
TOLERANCES UNLESS OTHERWISE NOTED	AC CABLE ASSEMBLY			
ALL DIMENSIONS WITHOUT TOLERANCES ARE FOR REFERENCE ONLY	SIZE A3	SYSTEM NX	DWG NO. J-AC-C	
PER ASME Y14.5M-2009	DRAWN BY ACH/MJS	DATE 15JUL2008	SCALE 1:1	SHEET 1 OF 4
<small>PROPRIETARY ITEM EXCEPT FOR USES EXPRESSLY GRANTED IN WRITING, INFORMATION DISCLOSED HEREON IS CONFIDENTIAL AND ALL RIGHTS, PATENT AND OTHERWISE, ARE RESERVED BY SOUTHCO, INC.</small>				

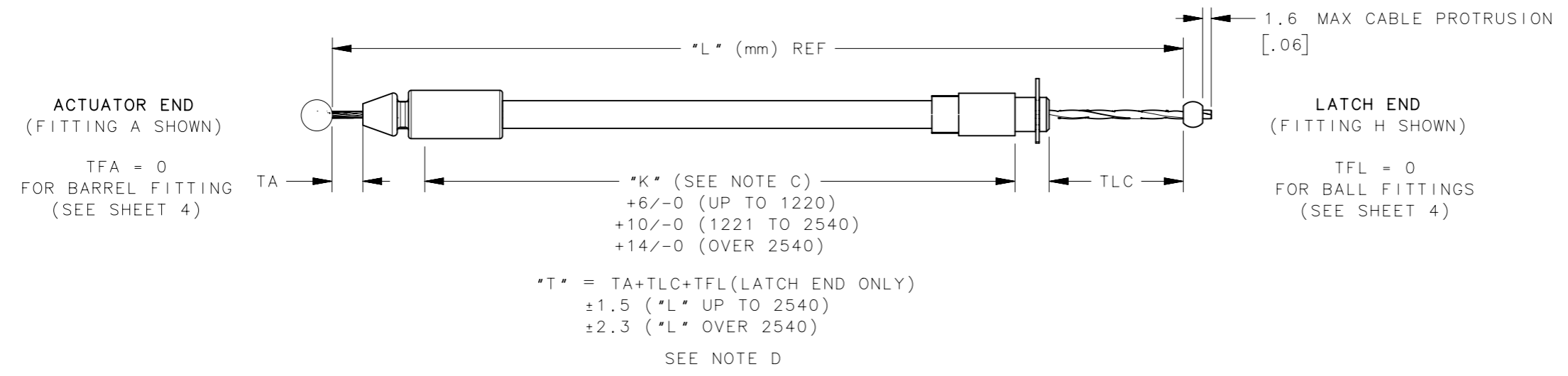
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JACKETED CABLES WITH THREADED AND SNAP RETAINERS (4)
(P/N AC-COH0-4-LLLL-TTT SHOWN)



CONDUIT TYPE	"K" DIMENSION	MIN "K"
TYPE 4	L-TFL-T- 6.4mm	82mm

JACKETED CABLES WITH CONICAL END COUPLING AND SNAP RING RETAINERS (5)
(P/N AC-CAH0-5-LLLL-TTT SHOWN)



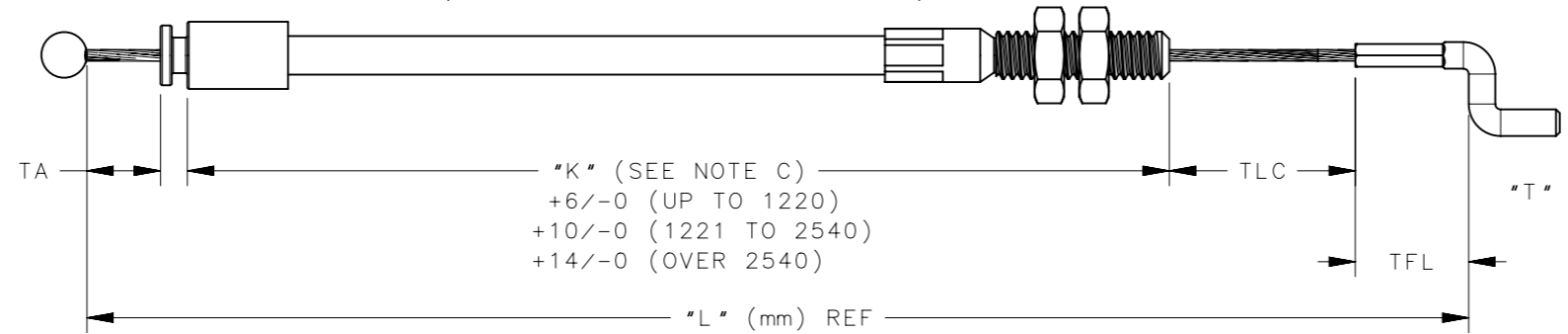
CONDUIT TYPE	"K" DIMENSION	MIN "K"
TYPE 5	L-TFA-T-15mm	62mm

THIRD ANGLE PROJECTION				
MILLIMETERS [IN]	DESCRIPTION			AC CABLE ASSEMBLY
TOLERANCES UNLESS OTHERWISE NOTED	SIZE	SYSTEM	DWG NO.	
ALL DIMENSIONS WITHOUT TOLERANCES ARE FOR REFERENCE ONLY PROPRIETARY ITEM <small>EXCEPT FOR USES EXPRESSLY GRANTED IN WRITING, INFORMATION DISCLOSED HEREON IS CONFIDENTIAL AND ALL RIGHTS, PATENT AND OTHERWISE, ARE RESERVED BY SOUTHCO, INC.</small>	A3	NX	J-AC-C	
	PER ASME Y14.5M-2009	DRAWN BY	DATE	SCALE
	ACH/MJS	15JUL2008	1:1	2 OF 4

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JACKETED CABLES WITH SNUB END COUPLING AND THREADED RETAINER (6)
(P/N AC-CAC0-6-LLLL-TTT SHOWN)

ACTUATOR END
(FITTING A SHOWN)
TFA = 0
FOR BARREL FITTING
(SEE SHEET 4)



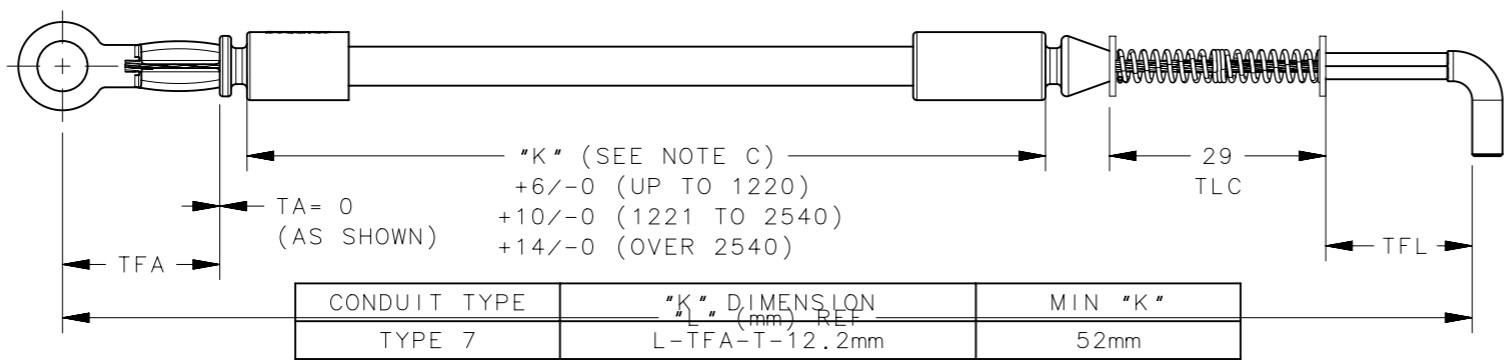
LATCH END
(FITTING C SHOWN)

"T" = TA+TLC+TFL (LATCH END ONLY)
±1.5 ("L" UP TO 2540)
±2.3 ("L" OVER 2540)
SEE NOTE D

CONDUIT TYPE	"K" DIMENSION	MIN "K"
TYPE 6	L-TFA-T-3.6mm	82mm

JACKETED CABLES WITH SNUB AND CONICAL END COUPLINGS (7)
(P/N AC-CDB1-7-LLLL-TTT SHOWN)

ACTUATOR END
(FITTING D SHOWN)



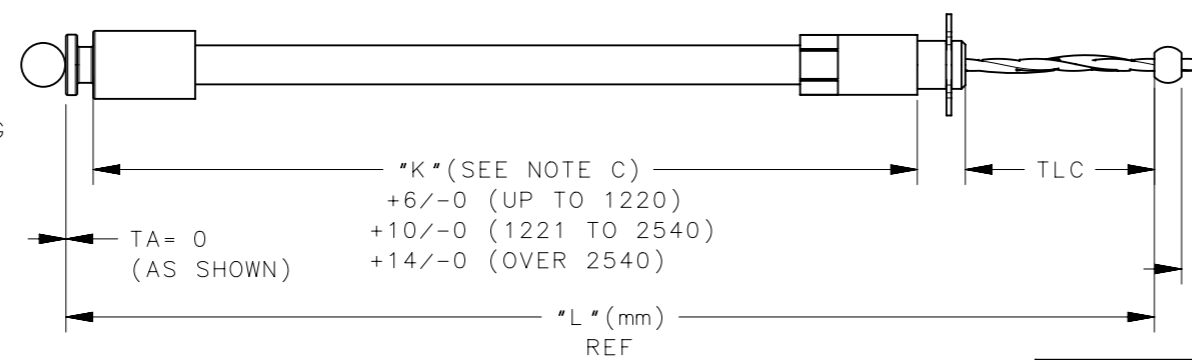
LATCH END
(FITTING B SHOWN)

"T" = TA+TLC+TFL (LATCH END ONLY)
±1.5 ("L" UP TO 2540)
±2.3 ("L" OVER 2540)
SEE NOTE D

CONDUIT TYPE	"K" DIMENSION	MIN "K"
TYPE 7	L-TFA-T-12.2mm	52mm

JACKETED CABLES WITH SNUB END COUPLING AND SNAP RING RETAINERS (8)
(P/N AC-CAH0-8-LLLL-TTT SHOWN)

ACTUATOR END
(FITTING A SHOWN)
TFA = 0
FOR BARREL FITTING
(SEE SHEET 4)



LATCH END
(FITTING H SHOWN)

TFL = 0
FOR BALL FITTINGS
(SEE SHEET 4)
"T" = TA+TLC+TFL (LATCH END ONLY)
±1.5 ("L" UP TO 2540)
±2.3 ("L" OVER 2540)

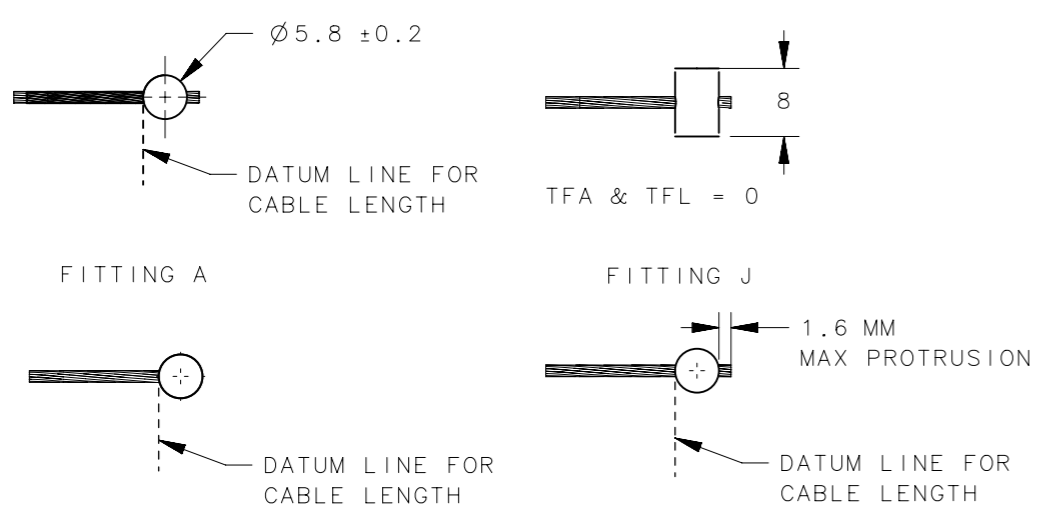
1.6 MAX CABLE PROTRUSION
[.06]

CONDUIT TYPE	"K" DIMENSION	MIN "K"
TYPE 8	L-TFA-T-10mm	62mm

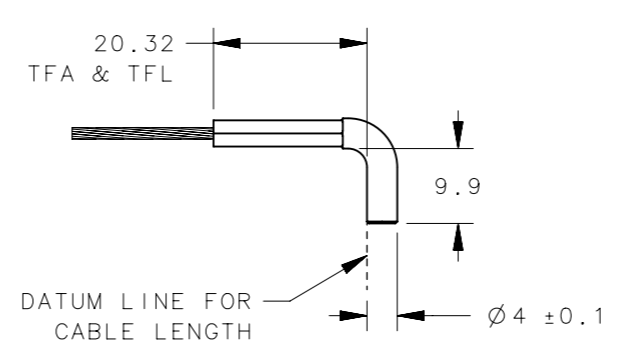
THIRD ANGLE PROJECTION						
MILLIMETERS [IN]	DESCRIPTION					
TOLERANCES UNLESS OTHERWISE NOTED	AC CABLE ASSEMBLY					
ALL DIMENSIONS WITHOUT TOLERANCES ARE FOR REFERENCE ONLY	SIZE	SYSTEM	DWG NO.	J-AC-C		
	A3	NX				
PROPRIETARY ITEM	DRAWN BY	DATE	SCALE	SHEET		
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PER ASME Y14.5M-2009						

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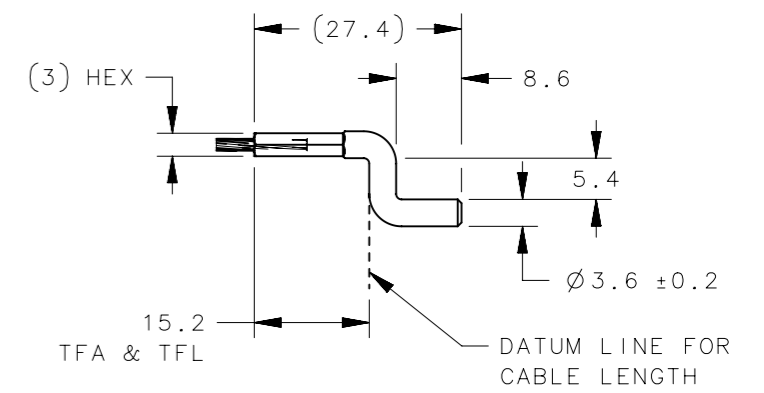
FITTING A (BARREL FITTING) DIE CAST ZINC
 FITTING J (BARREL FITTING) STAINLESS STEEL



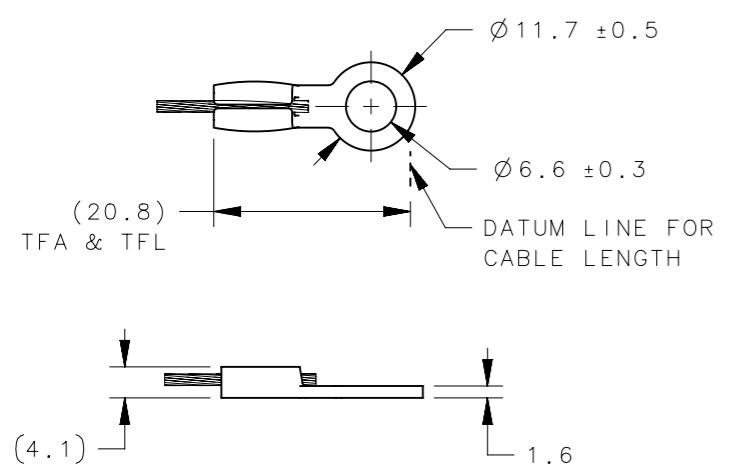
FITTING B (L FITTING) STEEL
 FITTING K (L FITTING) STAINLESS STEEL



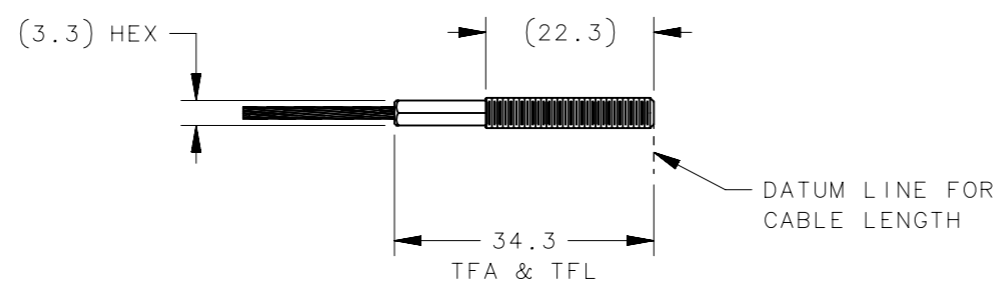
FITTING C (Z FITTING) STEEL



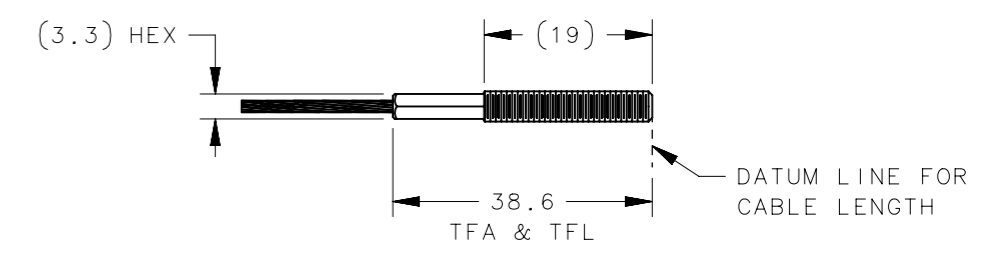
FITTING D (EYELET FITTING) STAINLESS STEEL



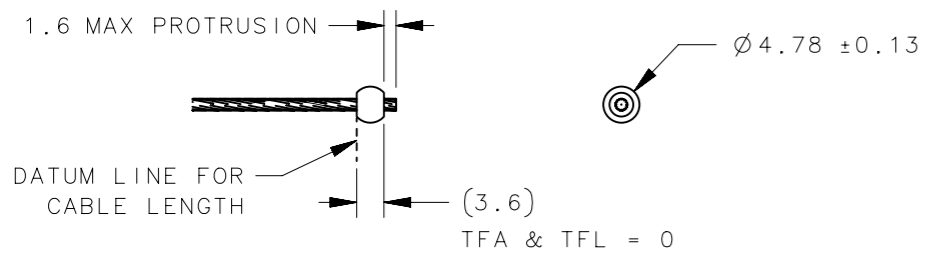
FITTING E (THREADED FITTING) STEEL
 M4 THREAD



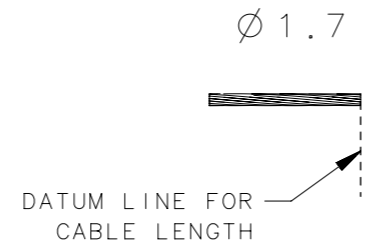
FITTING F (THREADED FITTING) STEEL
 8-32 THREAD



FITTING H (BALL FITTING) STAINLESS STEEL



FITTING O [ZERO] (BARE CABLE) STAINLESS STEEL



-	END COUPLING	NYLON	BLACK
-	SPRING	STAINLESS STEEL	NATURAL
-	JACKET	POLYPROPYLENE	BLACK
-	LINER	ACETAL	WHITE
-	CABLE	STAINLESS STEEL	NATURAL
-	WASHER(2)	STAINLESS STEEL	NATURAL
K	L FITTING	300 SERIES STAINLESS STEEL	NATURAL
J	BARREL FITTING	300 SERIES STAINLESS STEEL	NATURAL
H	BALL FITTING	300 SERIES STAINLESS STEEL	NATURAL
F	THREADED TERMINAL 8-32	STEEL	ZINC PLATED
E	THREADED TERMINAL M4	STEEL	ZINC PLATED
D	EYELET FITTING	300 SERIES STAINLESS STEEL	NATURAL
C	Z FITTING	STEEL	ZINC PLATED
B	L FITTING	STEEL	ZINC PLATED
A	BARREL FITTING	ZAMAK 5	NATURAL
FITTING VARIABLE		TYPE OF COMPONENT	MATERIAL
			FINISH

THIRD ANGLE PROJECTION			
MILLIMETERS [IN]			
SURFACE AREA	TOLERANCES UNLESS OTHERWISE NOTED	DESCRIPTION	
VOLUME	ALL DIMENSIONS WITHOUT TOLERANCES ARE FOR REFERENCE ONLY	AC CABLE ASSEMBLY FITTINGS	
PROPRIETARY ITEM	PER ASME Y14.5M-2009	SIZE A3	SYSTEM NX
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		SCALE 1:1	SHEET 4 OF 4