

4

3

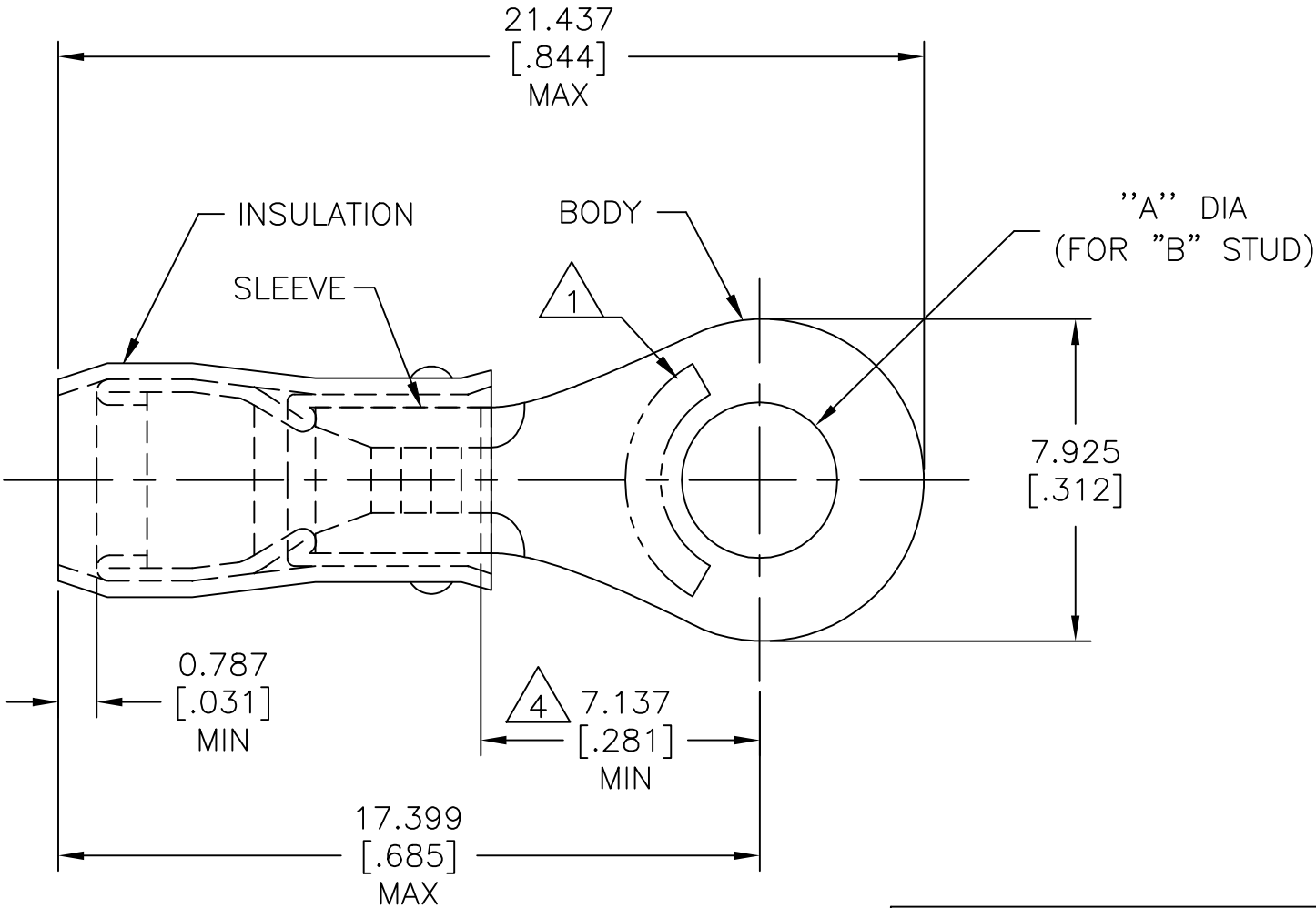
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1

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REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	AC1	REVISED PER ECO-16-001584	04FEB2016	NK	DR
	AC2	REVISED PER ECO-17-007400	18DEC2017	RS	DR

 WIRE RANGE	 E13288 Listed	 LR7189 Certified
16-14 AWG SOLID OR STRANDED	16-14 AWG SOLID OR STRANDED	16-14 AWG SOLID OR STRANDED



- 1 STAMP AMP 16-14* APPROX AS SHOWN.
- 2 WIRE INSULATION : $\varnothing 2.669-3.810[\varnothing .105-.150]$.
- 3 BODY MATERIAL THK: $0.787\pm 0.051[.031\pm .002]$.
- 4 APPLIES FROM EDGE OF METAL WIRE BARREL TO CENTER OF STUD HOLE

-	[10]	$5.004\pm 0.076[.197\pm .003]$	100	LOOSE PIECE, BOX	5-51864-1
-	M4[8]	$4.343\pm 0.076[.171\pm .003]$	100	LOOSE PIECE, BOX	4-51864-1
-	M3.5[6]	$3.683\pm 0.076[.145\pm .003]$	100	LOOSE PIECE, BOX	3-51864-1
MS25036-153 CLASS 2	M4[8]	$4.343\pm 0.076[.171\pm .003]$	5000	ON TAPE, REEL	51864-5
MS25036-108 CLASS 2	[10]	$5.004\pm 0.076[.197\pm .003]$	5000	ON TAPE, REEL	51864-4
MS25036-107 CLASS 2	M3.5[6]	$3.683\pm 0.076[.145\pm .003]$	5000	ON TAPE, REEL	51864-3
MS25036-108 CLASS 1 & 2	[10]	$5.004\pm 0.076[.197\pm .003]$	1000	LOOSE PIECE	51864-2
MS25036-153 CLASS 1 & 2	M4[8]	$4.343\pm 0.076[.171\pm .003]$	1000	LOOSE PIECE	51864-1
MS25036-107 CLASS 1 & 2	M3.5[6]	$3.683\pm 0.076[.145\pm .003]$	1000	LOOSE PIECE	51864
MILITARY P/N AND CLASS	"B"	DIM "A"	QUANTITY	PACKAGE TYPE	PART NO

AMP INCORPORATED CUSTOMER SERVICE SYSTEMS			MAX RECOMMENDED OPERATING TEMPERATURE: 105°C[221°F] MAX		THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN JR RUTH CHK RE HERSEY 27OCT99		 TE Connectivity										
FOR ADDITIONAL PRODUCT INFORMATION OR COPIES OF DRAWINGS AND TECHNICAL DOCUMENTS		PRODUCT INFORMATION CENTER 1-800-522-6752		VOLTAGE RATING: 300 V MAX		DIMENSIONS: mm [INCHES]		TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD C PRESNELL 27OCT99		NAME TERMINAL, RING TONGUE, PIDG, TM WIRE SIZE, 16-14 AWG							
FOR APPLICATION TOOLING INFORMATION		TOOLING ASSISTANCE CENTER 1-800-722-1111		CIRCULAR MIL AREA: 1.04-2.62mm ² [2050-5180] CIR MILS SOLID OR STRANDED				0 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± 0.127[.005] 4 PLC ± - ANGLES ± -		PRODUCT SPEC UL 486 A-B						APPLICATION SPEC 114-2157			
FOR ORDER ENTRY		1-800-526-5142				MATERIAL BODY & SLEEVE: COPPER PER ASTM B-152 INSULATION: NYLON		FINISH BODY & SLEEVE: TIN PLATE PER ASTM B545 INSULATION: COLOR-BLUE		WEIGHT -		SIZE A3		CAGE CODE 00779		DRAWING NO C=51864		RESTRICTED TO -	
CUSTOMER DRAWING										SCALE NTS		SHEET 1 OF 2		REV AC2					

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REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
-	-	SEE SHEET 1	-	-	-

3 STRIPES EQUALLY
SPACED FOR COLOR
CODE: SEE TABLE

INSULATION

SLEEVE

BODY

"A" DIA
(FOR "B" STUD)

AMP
WIRE RANGE

SEE TABLE
STRANDED



STAMP AMP [REDACTED] APPROX AS SHOWN
SEE TABLE BELOW.

2

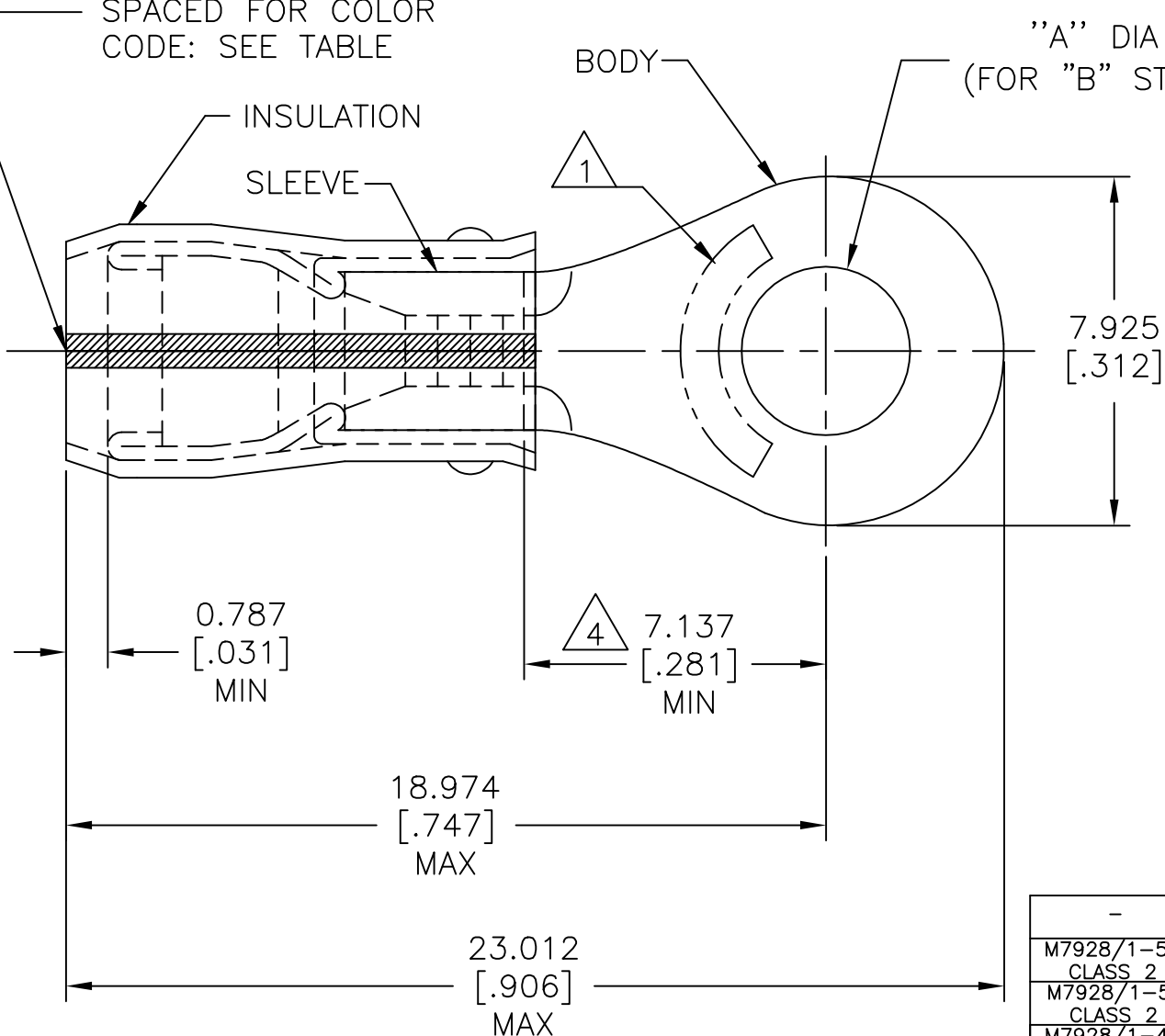
WIRE INSULATION : $\phi 1.600-3.302[\phi 0.63-.130]$ FOR 16 AWG,
 $\phi 1.981-3.302[\phi 0.78-.130]$ FOR 14 AWG.

3

BODY MATERIAL THK: $0.787\pm 0.051[.031\pm .002]$.



APPLIES FROM EDGE OF METAL WIRE BARREL TO
CENTER OF STUD HOLE



-	BLUE	16*	16	M3.5[6]	$3.683\pm 0.076[.145\pm .003]$	100	LOOSE PIECE, BOX	6-51864-1
M7928/1-50 CLASS 2	GREEN	14*	14	M4[8]	$4.343\pm 0.076[.171\pm .003]$	5000	ON TAPE, REEL	1-51864-7
M7928/1-51 CLASS 2	GREEN	14*	14	[10]	$5.004\pm 0.076[.197\pm .003]$	5000	ON TAPE, REEL	1-51864-5
M7928/1-42 CLASS 2	BLUE	16*	16	[10]	$5.004\pm 0.076[.197\pm .003]$	5000	ON TAPE, REEL	1-51864-3
M7928/1-50 CLASS 1 & 2	GREEN	14*	14	M4[8]	$4.343\pm 0.076[.171\pm .003]$	1000	LOOSE PIECE	1-51864-1
M7928/1-41 CLASS 1 & 2	BLUE	16*	16	M4[8]	$4.343\pm 0.076[.171\pm .003]$	1000	LOOSE PIECE	1-51864-0
M7928/1-51 CLASS 1 & 2	GREEN	14*	14	[10]	$5.004\pm 0.076[.197\pm .003]$	1000	LOOSE PIECE	51864-9
M7928/1-49 CLASS 1 & 2	GREEN	14*	14	M3.5[6]	$3.683\pm 0.076[.145\pm .003]$	1000	LOOSE PIECE	51864-8
M7928/1-42 CLASS 1 & 2	BLUE	16*	16	[10]	$5.004\pm 0.076[.197\pm .003]$	1000	LOOSE PIECE	51864-7
M7928/1-40 CLASS 1 & 2	BLUE	16*	16	M3.5[6]	$3.683\pm 0.076[.145\pm .003]$	1000	LOOSE PIECE	51864-6
MILITARY P/N AND CLASS	STRIPE COLOR		WIRE SIZE	"B"	DIM "A"	QUANTITY	PACKAGE TYPE	PART NO

AMP INCORPORATED
CUSTOMER SERVICE SYSTEMS

MAX RECOMMENDED OPERATING
TEMPERATURE: 105°C[221°F] MAX

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN JR RUTH 27OCT99

CHK RE HERSEY 27OCT99

APVD C PRESNELL 27OCT99

PRODUCT SPEC

APPLICATION SPEC

114-2157

WEIGHT -

CUSTOMER DRAWING

TE TE Connectivity

NAME
TERMINAL, RING TONGUE, I.R.,
PIDG™, WIRE SIZE, 16 & 14 AWG

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A3	00779	C=51864	-

SCALE	SHEET	REV
NTS	2 of 2	AC2

FOR ADDITIONAL
PRODUCT INFORMATION OR
COPIES OF DRAWINGS
AND TECHNICAL DOCUMENTS

PRODUCT INFORMATION CENTER
1-800-522-6752

FOR APPLICATION
TOOLING INFORMATION

TOOLING ASSISTANCE CENTER
1-800-722-1111

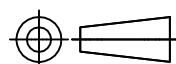
FOR ORDER ENTRY

1-800-526-5142

VOLTAGE RATING: 300 V MAX

WIRE RANGE:	CIRC MIL AREA:
16	1.42mm ² [2800]
14	2.15mm ² [4234]

STRANDED

DIMENSIONS:
mm [INCHES]TOLERANCES UNLESS
OTHERWISE SPECIFIED:

0 PLC	± -
1 PLC	± -
2 PLC	± -
3 PLC	± 0.127[.005]
4 PLC	± -
ANGLES	± -

MATERIAL
BODY & SLEEVE:
COPPER PER ASTM B-152
INSULATION: NYLON

FINISH
BODY & SLEEVE:
TIN PLATE PER ASTM B545
INSULATION: COLOR-BLUE

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[TE Connectivity:](#)

[M7928/1-51](#) [M7928/1-41](#)