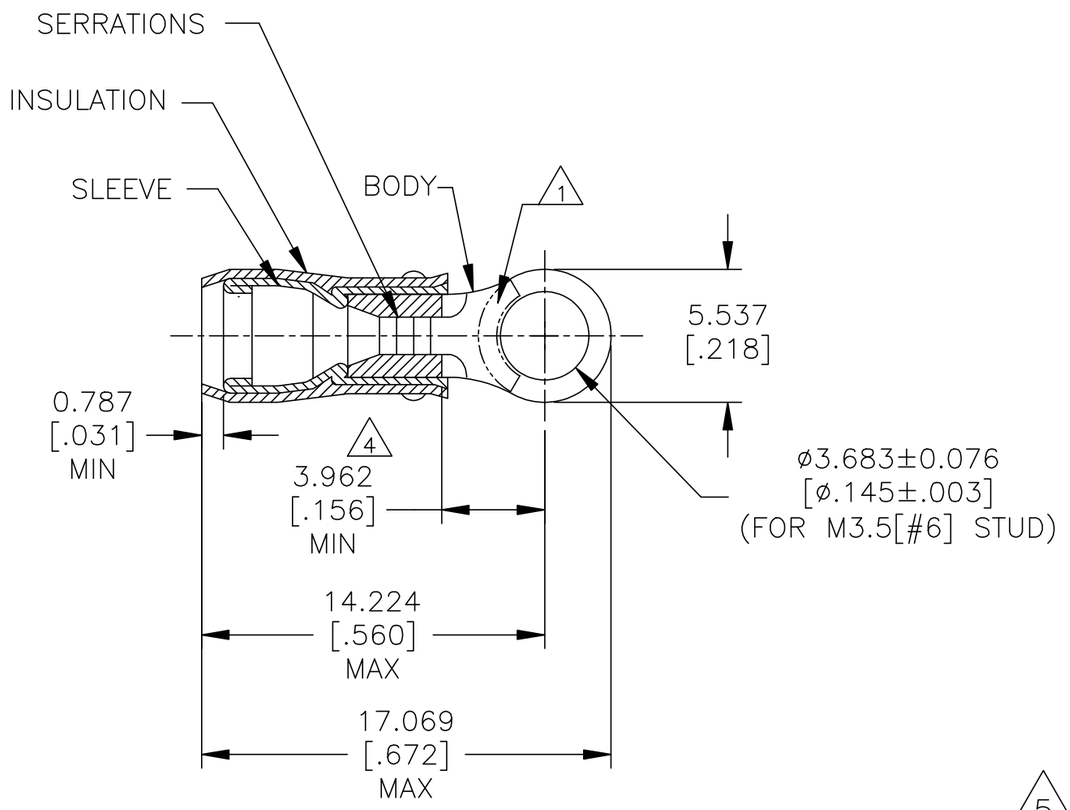
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REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	W	REVISED PER ECR-23-175984	29MAY2023	BB	DSC



AMP WIRE RANGE	5 UL E13288 Listed	6 CSA LR7189 Certified
22-16 AWG SOLID OR STRANDED	22-16 AWG STRANDED	22-16 AWG SOLID OR STRANDED

1 STAMP AMP 22-18* APPROX AS SHOWN
22-16 TERMINALS ARE STAMPED 22-18 IN ACCORDANCE WITH MILITARY SPEC SAE AS7928
COMMERCIAL WIRE RANGE IS 22-16.

2 WIRE INSULATION DIA : ø2.032-3.175[ø.080-.125]

3 BODY MATERIAL THK: 0.787±0.051[.031±.002]

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

5 UL LISTED

6 CSA CERTIFIED

7 MATERIAL:
BODY & SLEEVE – COPPER PER ASTM B152
INSULATION – NYLON

8 FINISH:
BODY & SLEEVE – TIN PLATE 0.00254[.000100] MIN EXT THK PER ASTM B545
INSULATION COLOR – RED

5 6	MILITARY P/N AND CLASS	QUANTITY	PACKAGE TYPE	PART NO
5 6	–	100	LOOSE PIECE, BOX	8-36149-1
5 6	–	5000	ON TAPE, REEL	2-36149-2
5 6	MS25036-101 CLASS 1	1000	LOOSE PIECE	36149

AMP INCORPORATED CUSTOMER SERVICE SYSTEMS	
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

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

VOLTAGE RATING:
300 V MAX

CIRCULAR MIL AREA:
0.26-1.65mm²[509-3,260] CIR MILS SOLID OR STRANDED

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm[INCHES]

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ± –
1 PLC ± –
2 PLC ± –
3 PLC ± 0.127[.005]
4 PLC ± –
ANGLES ± –

MATERIAL 7

FINISH 8

DWN	DK SCHRUM	9/8/93
CHK	RE HERSEY	9/8/93
APVD	ML ELLIS	9/8/93
PRODUCT SPEC	UL 486A-B 5	
APPLICATION SPEC	114-2157	
WEIGHT	–	

TE Connectivity Ltd.

NAME
TERMINAL, RING TONGUE, PIDG™, WIRE SIZE, 22-16 AWG
–

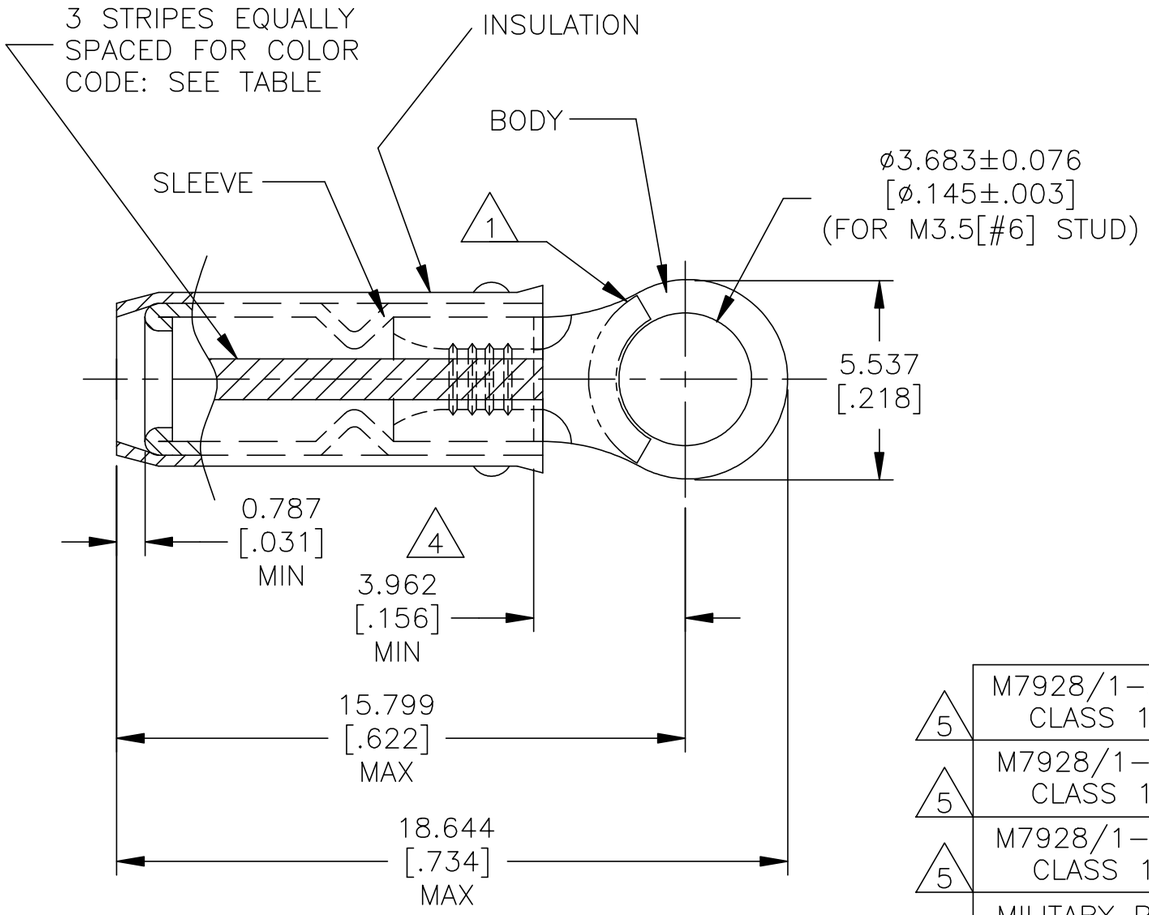
SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A3	00779	C-36149	—

CUSTOMER DRAWING | SCALE NTS | SHEET 1 OF 2 | REV W

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REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	–	SEE SHEET 1	–	—	—

AMP WIRE RANGE	△5 CSA LR 7189 Certified
SEE TABLE STRANDED	WIRE SIZE PER TABLE STRANDED



△1 STAMP AMP ▭ APPROX AS SHOWN SEE TABLE BELOW.

2 WIRE INSULATION DIA : ø0.965–2.794[ø.038–.110] FOR 22 AWG
ø1.168–2.794[ø.046–.110] FOR 20 AWG
ø1.422–2.794[ø.056–.110] FOR 18 AWG.

3 BODY MATERIAL THK: 0.787±0.051[.031±.002]

△4 APPLIES FROM EDGE OF METAL WIRE BARREL TO CENTER OF STUD HOLE.

△5 CSA CERTIFIED

△6 MATERIAL:
BODY & SLEEVE – COPPER PER ASTM B152
INSULATION – NYLON

△7 FINISH:
BODY & SLEEVE – TIN PLATE 0.00254[.000100] MIN EXT THK PER ASTM B545
INSULATION COLOR – RED

	MILITARY P/N AND CLASS	STRIPE COLOR	△1 STAMPING	WIRE SIZE	QUANTITY	PACKAGE TYPE	PART NO
△5	M7928/1–30 CLASS 1	WHITE	18*	18	1000	LOOSE PIECE	2–36149–5
△5	M7928/1–21 CLASS 1	RED	20*	20	1000	LOOSE PIECE	2–36149–4
△5	M7928/1–12 CLASS 1	GREEN	22*	22	1000	LOOSE PIECE	2–36149–3

AMP INCORPORATED CUSTOMER SERVICE SYSTEMS	
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

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

VOLTAGE RATING: 300 V MAX

WIRE RANGE:	CIRC MIL AREA:
22	0.38mm² [754]
20	0.60mm² [1,186]
18	0.96mm² [1,900]
STRANDED	

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm[INCHES]

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ± –
1 PLC ± –
2 PLC ± –
3 PLC ± 0.127[.005]
4 PLC ± –
ANGLES ± –

MATERIAL △6

FINISH △7

DWN	DK SCHRUM	9/8/93
CHK	RE HERSEY	9/8/93
APVD	ML ELLIS	9/8/93
PRODUCT SPEC	–	
APPLICATION SPEC	114–2157	
WEIGHT	–	

TE Connectivity Ltd.

NAME: TERMINAL, RING TONGUE, I.R., PIDG™ WIRE SIZE, 22, 20 & 18 AWG

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A3	00779	C–36149	–

CUSTOMER DRAWING	SCALE NTS	SHEET 2 OF 2	REV W