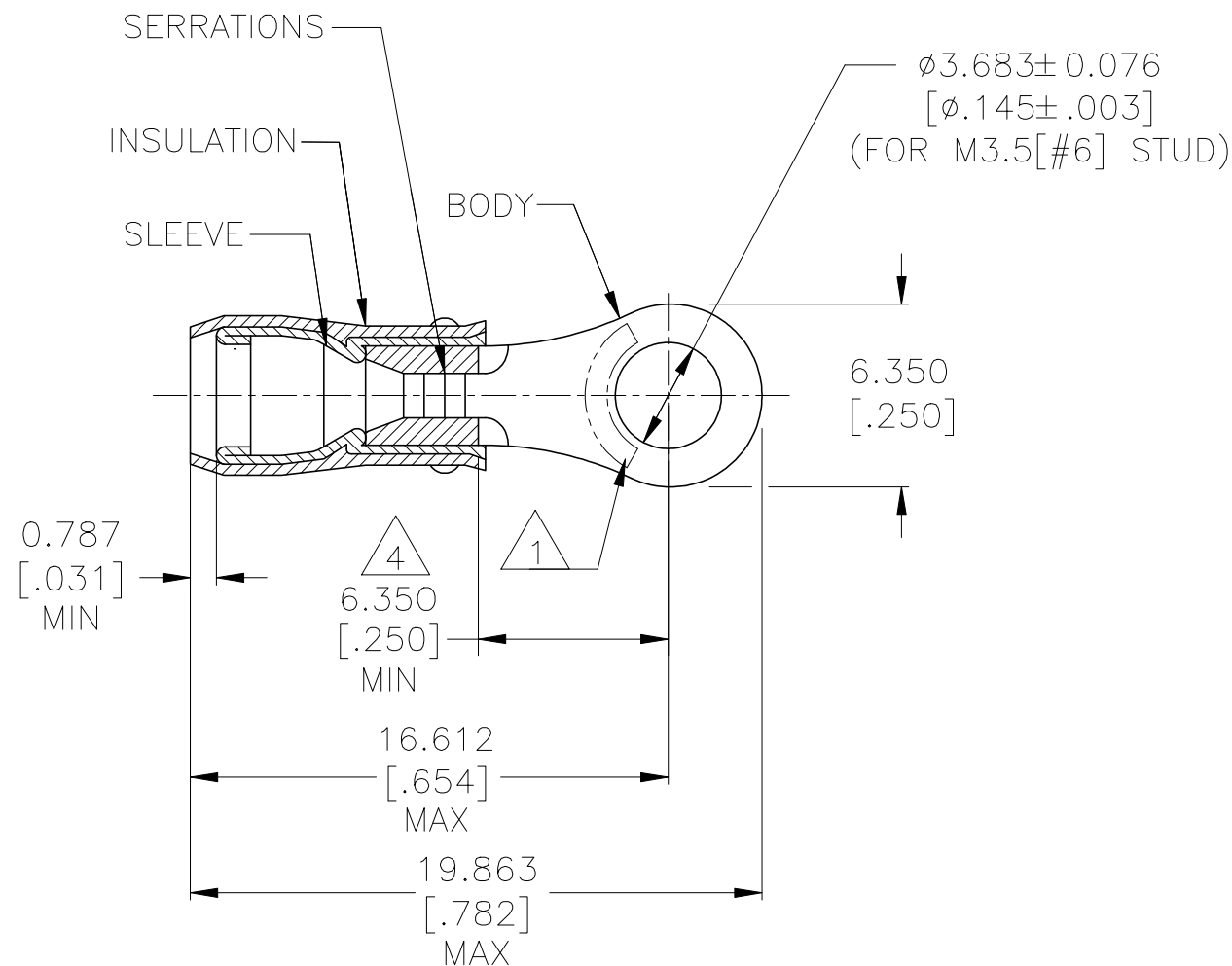





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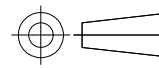



REVISIONS				
P	LTR	DESCRIPTION	DATE	DWN APVD
	AB	REVISED PER ECR-23-175984	30MAY2023	BB DSC

AMP WIRE RANGE	 Listed FILE E13288	 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: $\phi 2.032-3.175[\phi .080-.125]$.
- 3 BODY MATERIAL THK: $0.787 \pm 0.051[.031 \pm .002]$.
- 4 DIMENSION APPLIES FROM EDGE OF METAL
WIRE BARREL TO CENTER OF STUD HOLE.
- 5 MATERIAL:
BODY & SLEEVE - COPPER PER ASTM B152
INSULATION - NYLON.
- 6 FINISH:
BODY & SLEEVE - TIN PLATE
 $0.00254[.000100]$ MIN EXT THK PER ASTM B545,
INSULATION COLOR - RED.
- 7 UL LISTED.
- 8 CSA CERTIFIED.

	--	100	LOOSE PIECE, BOX	7-51863-1
	--	5000	ON TAPE, REEL	51863-1
	MS25036-102 CLASS 1	1000	LOOSE PIECE	51863
	MILITARY P/N AND CLASS	QTY	PACKAGE TYPE	PART NUMBER

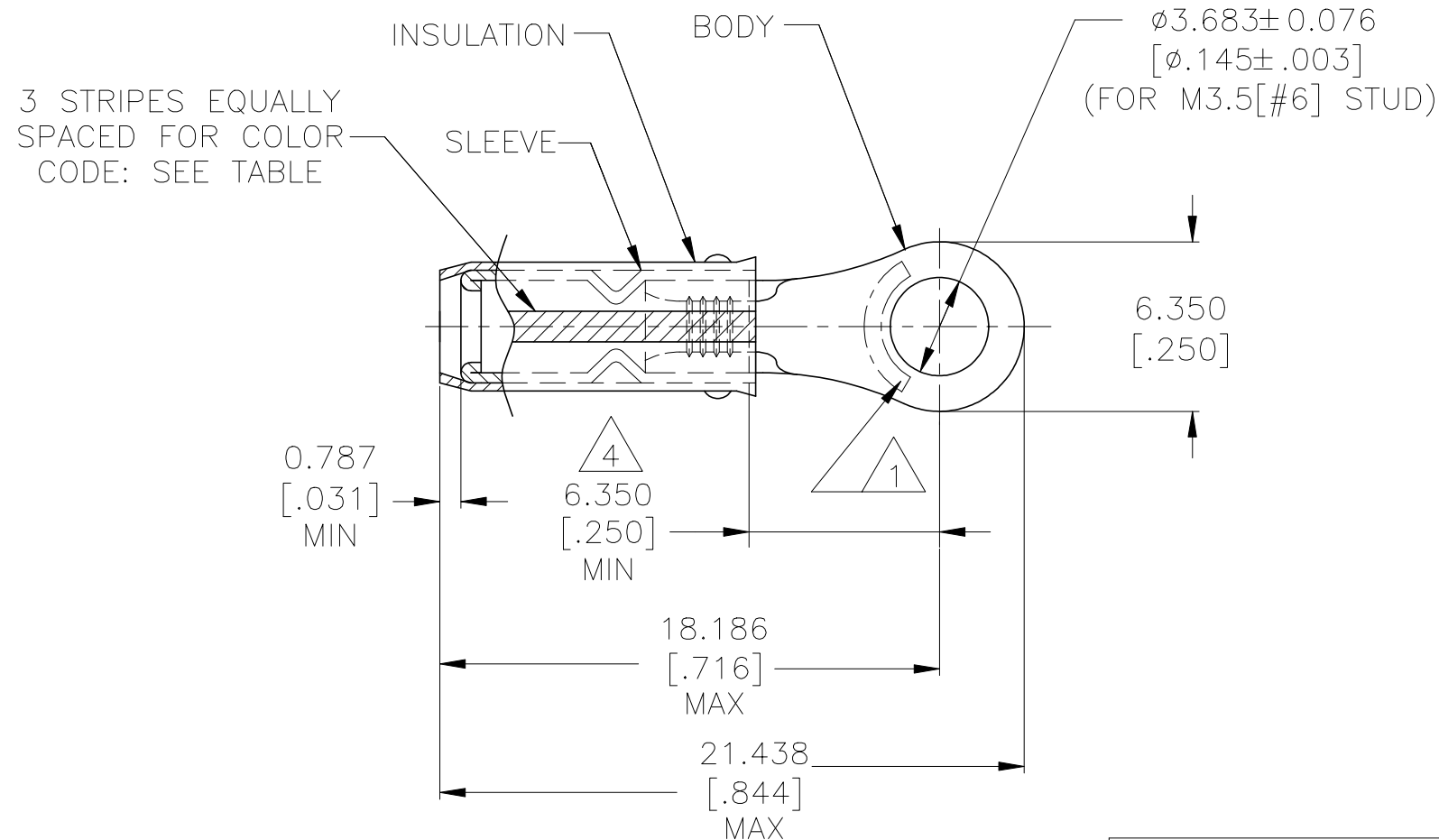
AMP INCORPORATED CUSTOMER SERVICE SYSTEMS		MAX RECOMMENDED OPERATING TEMPERATURE: 105°C[221°F] MAX	THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN 9/8/93 DK SCHRUM	 TE Connectivity Ltd.			
FOR ADDITIONAL PRODUCT INFORMATION OR COPIES OF DRAWINGS AND TECHNICAL DOCUMENTS	PRODUCT INFORMATION CENTER 1-800-522-6752	VOLTAGE RATING: 300V MAX	DIMENSIONS: mm [INCHES]	TOLERANCES UNLESS OTHERWISE SPECIFIED:	CHK 9/8/93 RE HERSEY	NAME TERMINAL, RING TONGUE, PIDG WIRE SIZE: 22-16 AWG			
FOR APPLICATION TOOLING INFORMATION	TOOLING ASSISTANCE CENTER 1-800-722-1111	CIRCULAR MIL AREA: 0.26-1.65mm ² [509-3260]CIR MILS SOLID OR STRANDED		0 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± 0.127[.005] 4 PLC ± - ANGLES ± -	APVD 9/8/93 M BARNABA	APPLICATION SPEC 114-2157			
FOR ORDER ENTRY	1-800-526-5142	THIS DRAWING IS A CONTROLLED DOCUMENT FOR AMP INCORPORATED. IT IS SUBJECT TO CHANGE AND THE CONTROLLING ENGINEERING ORGANIZATION SHOULD BE CONTACTED FOR THE LATEST REVISION.	MATERIAL 	FINISH 	PRODUCT SPEC UL 486A-B 	SIZE A3	CAGE CODE 00779	DRAWING NO G-51863	RESTRICTED TO -
CUSTOMER DRAWING						SCALE NTS	SHEET 1 of 2	REV AB	

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REVISIONS

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

AMP WIRE RANGE	LR 7189 Certified
SEE TABLE STRANDED	WIRE SIZE PER TABLE STRANDED



- 1 STAMP AMP APPROX AS SHOWN SEE TABLE BELOW.
- 2 WIRE INSULATION DIA : $\phi 0.965-2.794[\phi 0.038-.110]$ FOR 22 AWG
 $\phi 1.168-2.794[\phi 0.046-.110]$ FOR 20 AWG
 $\phi 1.422-2.794[\phi 0.056-.110]$ FOR 18 AWG.
- 3 BODY MATERIAL THK: $0.787 \pm 0.051[.031 \pm .002]$.
- 4 DIMENSION APPLIES FROM EDGE OF METAL WIRE BARREL TO CENTER OF STUD HOLE.
- 5 MATERIAL:
BODY & SLEEVE - COPPER PER ASTM B152
INSULATION - NYLON.
- 6 FINISH:
BODY & SLEEVE - TIN PLATE
 $0.00254[.000100]$ MIN EXT. THK PER ASTM B545,
INSULATION COLOR - RED.
- 7 NOTE DELETED
- 8 CSA CERTIFIED.

8	--	WHITE	18*	18	5000	ON TAPE, REEL	51863-7
8	--	GREEN	22*	22	5000	ON TAPE, REEL	51863-5
8	M7928/1-31 CLASS 1	WHITE	18*	18	1000	LOOSE PIECE	51863-4
8	M7928/1-22 CLASS 1	RED	20*	20	1000	LOOSE PIECE	51863-3
8	M7928/1-13 CLASS 1	GREEN	22*	22	1000	LOOSE PIECE	51863-2
	MILITARY P/N AND CLASS	STRIPE COLOR	1 STAMPING	WIRE SIZE	QTY	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 DK SCHRUM 9/8/93	TE Connectivity Ltd.				
FOR ADDITIONAL PRODUCT INFORMATION OR COPIES OF DRAWINGS AND TECHNICAL DOCUMENTS	PRODUCT INFORMATION CENTER 1-800-522-6752	VOLTAGE RATING: 300V MAX	DIMENSIONS: mm [INCHES]	TOLERANCES UNLESS OTHERWISE SPECIFIED:	CHK RE HERSEY 9/8/93	NAME TERMINAL, RING TONGUE, IR, PIDG WIRE SIZE: 22, 20 & 18 AWG				
FOR APPLICATION TOOLING INFORMATION	TOOLING ASSISTANCE CENTER 1-800-722-1111	WIRE RANGE: CIRC MIL AREA: 22 0.38mm² [754] 20 0.60mm² [1,186] 18 0.90mm² [1,900] STRANDED		0 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± 0.127[.005] 4 PLC ± - ANGLES ± -	APVD M BARNABA 9/8/93	APPLICATION SPEC 114-2157				
FOR ORDER ENTRY	1-800-526-5142	THIS DRAWING IS A CONTROLLED DOCUMENT FOR AMP INCORPORATED. IT IS SUBJECT TO CHANGE AND THE CONTROLLING ENGINEERING ORGANIZATION SHOULD BE CONTACTED FOR THE LATEST REVISION.	MATERIAL 5	FINISH 6	PRODUCT SPEC	SIZE A3	CAGE CODE 00779	DRAWING NO C-51863	RESTRICTED TO	
					WEIGHT -	CUSTOMER DRAWING		SCALE NTS	SHEET 2 OF 2	REV AB