

2-36153-2 Product Details

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2-36153-2

TE Internal Number: 2-36153-2

 Active

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Ring and Spade Tongue Terminals

 Always EU RoHS/ELV Compliant
(Statement of Compliance)

Product Highlights:

- Terminal Shape = Ring Tongue
- Receptacle Style = Straight
- Body Style = PIDG
- Barrel Type = Closed Barrel
- Wire/Cable Type = Regular Wire

[View all Features](#)

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Documentation & Additional Information

Product Drawings:

- [TERMINAL, RING TONGUE, I.R., PIDG WIRE SIZE, 22-16 AWG \(PDF, English\)](#)

Catalog Pages/Data Sheets:

- None Available

Product Specifications:

- None Available

Application Specifications:

- None Available

Instruction Sheets:

- None Available

CAD Files: (CAD Format & Compression Information)

- [2D Drawing \(DXF, Version Z\)](#)
- [3D Model \(IGES, Version Z\)](#)
- [3D Model \(STEP, Version Z\)](#)

[List all Documents](#)

Related Products:

- [Tooling](#)

Product Features (Please use the Product Drawing for all design activity)

Product Type Features:

- [Receptacle Style](#) = Straight
- [Barrel Type](#) = Closed Barrel
- [Wire/Cable Type](#) = Regular Wire
- [Insulation](#) = Yes
- [Insulation Support](#) = Insulation Support
- Stud Size = 10
- [Shape](#) = RING-041
- [Heavy Duty](#) = No
- [Finish](#) = Tin
- Color = Red

Electrical Characteristics:

- Voltage (VAC) = 300

Termination Features:

- Wire/Cable Size (CMA) = 509 - 3,260

Body Features:

- [Body Style](#) = PIDG
- [Wire Range \(mm \[AWG\]\)](#) = 0.30-1.42² [22-16]
- [Material](#) = Copper
- Insulation Sleeve Material = Nylon

Contact Features:

- [Terminal Shape](#) = Ring Tongue
- Class = 2

Industry Standards:

- Government/Industry Qualification = Yes
- Government/Industry Part Number = MS25036-103
- [RoHS/ELV Compliance](#) = RoHS compliant, ELV compliant
- [Lead Free Solder Processes](#) = Not relevant for lead free process
- RoHS/ELV Compliance History = Always was RoHS

<p>Dimensions:</p> <ul style="list-style-type: none"> • Insulation Diameter (mm [in]) = 2.03-3.18 [.080-.125] • Stud Diameter (mm [in]) = 5.00 [0.197] • Length (mm [in]) = 21.44 [0.844] • Tongue Material Thickness (mm [in]) = 0.79 [0.031] 	<p>compliant</p> <p>Packaging Features:</p> <ul style="list-style-type: none"> • Packaging Method = Tape Mounted • Packaging Quantity = 5,000 <p>Other:</p> <ul style="list-style-type: none"> • Brand = AMP
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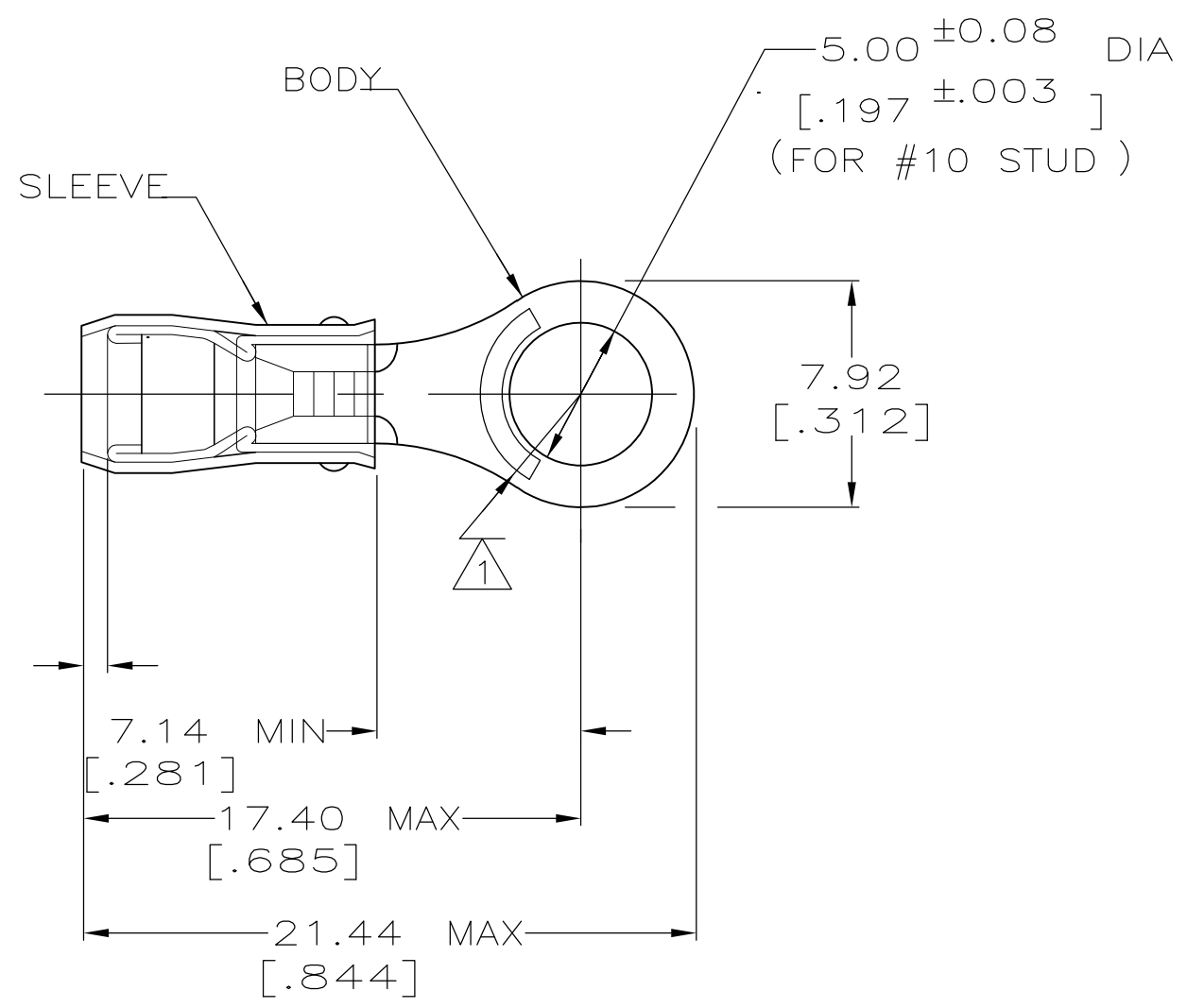
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LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
G	14		Z1	REVISED PER ECO-11-004587	11MAR11	RK	HMR

AMP WIRE RANGE	E13288 Listed	LR7189 Certified
22-16 AWG SOLID OR STRANDED	22-16 AWG SOLID OR 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 MIL-T-7928
COMMERCIAL WIRE RANGE IS 22-16
- 2 WIRE INSULATION DIA: 2.03 - 3.18
[.080 - .125]
- 3 TONGUE MATERIAL THK: 0.79±0.05
[.031±.002]

MILITARY P/N AND CLASS	QUANTITY	PACKAGE TYPE	PART NO
-	100	LOOSE PIECE, BOX	6-36153-1
MS25036-103 CLASS 2	5000	ON TAPE, REEL	2-36153-2
MS25036-103 CLASS 1 & 2	1000	LOOSE PIECE	36153

AMP INCORPORATED CUSTOMER SERVICE SYSTEMS		MAX RECOMMENDED OPERATING TEMPERATURE: 105° C MAX
FOR ADDITIONAL PRODUCT INFORMATION OR COPIES OF DRAWINGS AND TECHNICAL DOCUMENTS	PRODUCT INFORMATION CENTER 1-800-522-6752	VOLTAGE RATING: 300 V MAX
FOR APPLICATION TOOLING INFORMATION	TOOLING ASSISTANCE CENTER 1-800-722-1111	CIRCULAR MIL AREA: 0.26-1.65mm ² [509-3,260] CIR MILS SOLID OR STRANDED
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.

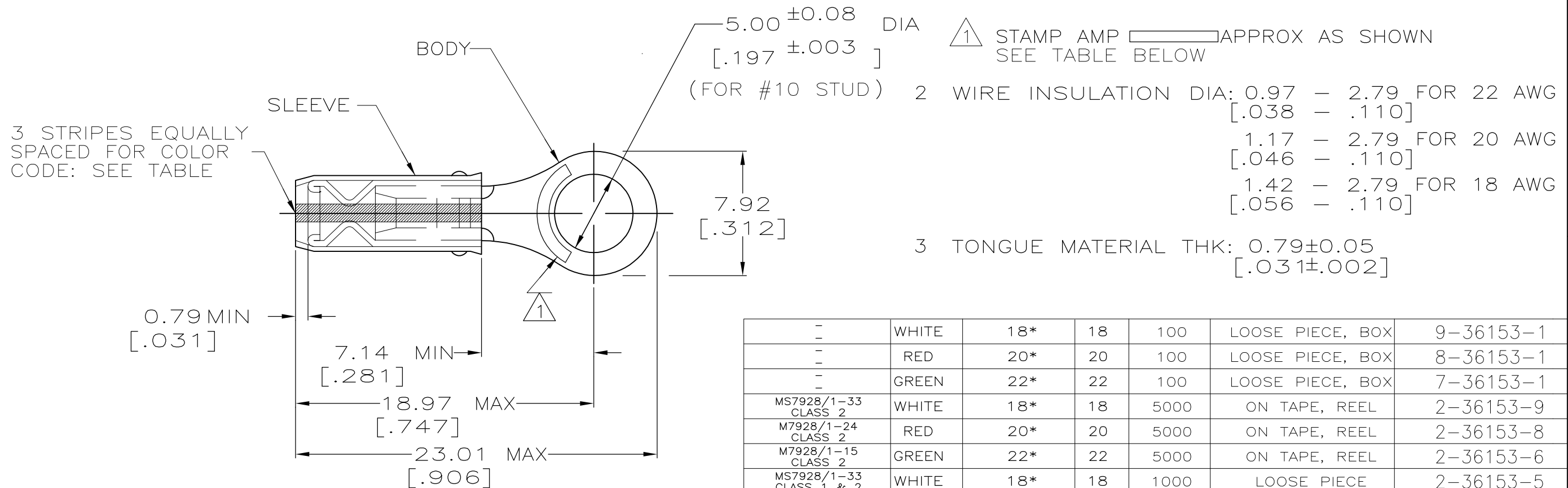
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN DK SCHRUM 9/8/93	TE Connectivity	
DIMENSIONS: mm [INCHES]		CHK RE HERSEY 9/8/93		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD ML ELLIS 9/8/93	NAME TERMINAL, RING TONGUE, PIDG™ WIRE SIZE, 22-16 AWG	
0 PLC ± - 1 PLC ± - 2 PLC ± 0.20[.008] 3 PLC ± - 4 PLC ± - ANGLES ± -		PRODUCT SPEC UL 486A	SIZE A3	
MATERIAL COPPER PER ASTM B-152 SLEEVE, RED NYLON		APPLICATION SPEC NOT AVAILABLE	CAGE CODE 00779	DRAWING NO C-36153
FINISH TIN PLATE PER ASTM B545		WEIGHT -	RESTRICTED TO -	
CUSTOMER DRAWING			SCALE NTS	SHEET 1 OF 2
			REV Z1	

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LOC	DIST	REVISIONS			
P	LTR	DESCRIPTION	DATE	DWN	APVD
G	14	-	SEE SHEET 1	-	-

AMP
WIRE RANGE

SEE TABLE
STRANDED



MILITARY P/N AND CLASS	STRIPE COLOR	STAMPING	WIRE SIZE	QUANTITY	PACKAGE TYPE	PART NO
-	WHITE	18*	18	100	LOOSE PIECE, BOX	9-36153-1
-	RED	20*	20	100	LOOSE PIECE, BOX	8-36153-1
-	GREEN	22*	22	100	LOOSE PIECE, BOX	7-36153-1
MS7928/1-33 CLASS 2	WHITE	18*	18	5000	ON TAPE, REEL	2-36153-9
M7928/1-24 CLASS 2	RED	20*	20	5000	ON TAPE, REEL	2-36153-8
M7928/1-15 CLASS 2	GREEN	22*	22	5000	ON TAPE, REEL	2-36153-6
MS7928/1-33 CLASS 1 & 2	WHITE	18*	18	1000	LOOSE PIECE	2-36153-5
M7928/1-24 CLASS 1 & 2	RED	20*	20	1000	LOOSE PIECE	2-36153-4
M7928/1-15 CLASS 1 & 2	GREEN	22*	22	1000	LOOSE PIECE	2-36153-3

AMP INCORPORATED
CUSTOMER SERVICE SYSTEMS

MAX RECOMMENDED OPERATING TEMPERATURE: 105° C MAX

VOLTAGE RATING: 300 V MAX

WIRE RANGE: CIRC MIL AREA:

22	0.38mm ² [754]
20	0.60mm ² [1,186]
18	0.96mm ² [1,900]

STRANDED

FOR ADDITIONAL PRODUCT INFORMATION OR COPIES OF DRAWINGS AND TECHNICAL DOCUMENTS: 1-800-522-6752

FOR APPLICATION TOOLING ASSISTANCE CENTER: 1-800-722-1111

TOOLING INFORMATION: 1-800-722-1111

FOR ORDER ENTRY: 1-800-526-5142

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THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN DK SCHRUM 9/8/93
 CHK RE HERSEY 9/8/93
 APVD ML ELLIS 9/8/93

STE TE Connectivity

NAME: TERMINAL, RING TONGUE, I.R., PIDG™ WIRE SIZE, 22-16 AWG

DIMENSIONS: mm[INCHES] TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC	± -
1 PLC	± -
2 PLC	± 0.20[.008]
3 PLC	± -
4 PLC ANGLES	± -

APPLICATION SPEC: NOT AVAILABLE

MATERIAL: COPPER PER ASTM B-152 SLEEVE, RED NYLON FINISH: TIN PLATE PER ASTM B545

WEIGHT: -

SIZE: A3 CAGE CODE: 00779 DRAWING NO: C-36153 RESTRICTED TO: -

CUSTOMER DRAWING SCALE: NTS SHEET: 2 of 2 REV: Z1