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320559 Product Details

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320559

TE Internal Number: 320559

Active

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Splices - Closed Barrel

Always EU RoHS/ELV Compliant (Statement of Compliance)

Product Highlights:

- Splice
- Not Sealed
- 1 & 2 Class
- Splice Type = Butt
- Butt Splice Type = Standard

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Documentation & Additional Information	
<p>Product Drawings:</p> <ul style="list-style-type: none"> • SPLICE, BUTT, PIDG WIRE SIZE: 22-16 (PDF, English) <p>Catalog Pages/Data Sheets:</p> <ul style="list-style-type: none"> • None Available <p>Product Specifications:</p> <ul style="list-style-type: none"> • None Available <p>Application Specifications:</p> <ul style="list-style-type: none"> • Pre-Insulated Diamond Grip (PIDG) Terminals, Splices... (PDF, English) <p>Instruction Sheets:</p> <ul style="list-style-type: none"> • None Available <p>CAD Files: (CAD Format & Compression Information)</p> <ul style="list-style-type: none"> • 2D Drawing (DXF, Version V) • 3D Model (IGES, Version V) • 3D Model (STEP, Version V) <p style="text-align: right;">List all Documents</p>	<p>Related Products:</p> <ul style="list-style-type: none"> • Tooling

Product Features (Please use the Product Drawing for all design activity)	
<p>Product Type Features:</p> <ul style="list-style-type: none"> • Product Type = Splice • Sealed = No • Splice Type = Butt • Insulation = Yes • Insulation Support = Insulation Support • Finish = Tin • Color = Red <p>Termination Features:</p> <ul style="list-style-type: none"> • Wire/Cable Size (CMA) = 509 - 3,260 <p>Dimensions:</p> <ul style="list-style-type: none"> • Insulation Diameter (mm [in]) = 3.18 [.125] Max. <p>Body Features:</p> <ul style="list-style-type: none"> • Butt Splice Type = Standard • Body Style = PIDG • Wire Range (mm [AWG]) = 0.30-1.40² [22-16] • Material = Copper • Insulation Sleeve Material = Nylon 	<p>Contact Features:</p> <ul style="list-style-type: none"> • Class = 1 & 2 <p>Industry Standards:</p> <ul style="list-style-type: none"> • Government/Industry Qualification = Yes • Government/Industry Part Number = M7928/5-3 • RoHS/ELV Compliance = RoHS compliant, ELV compliant • Lead Free Solder Processes = Not relevant for lead free process • RoHS/ELV Compliance History = Always was RoHS compliant <p>Packaging Features:</p> <ul style="list-style-type: none"> • Packaging Method = Loose Piece • Packaging Quantity = 50 <p>Other:</p> <ul style="list-style-type: none"> • Brand = AMP • Comment = Marking: Commercial 22-16; Military 22-18 in accordance with MIL-T-7928.

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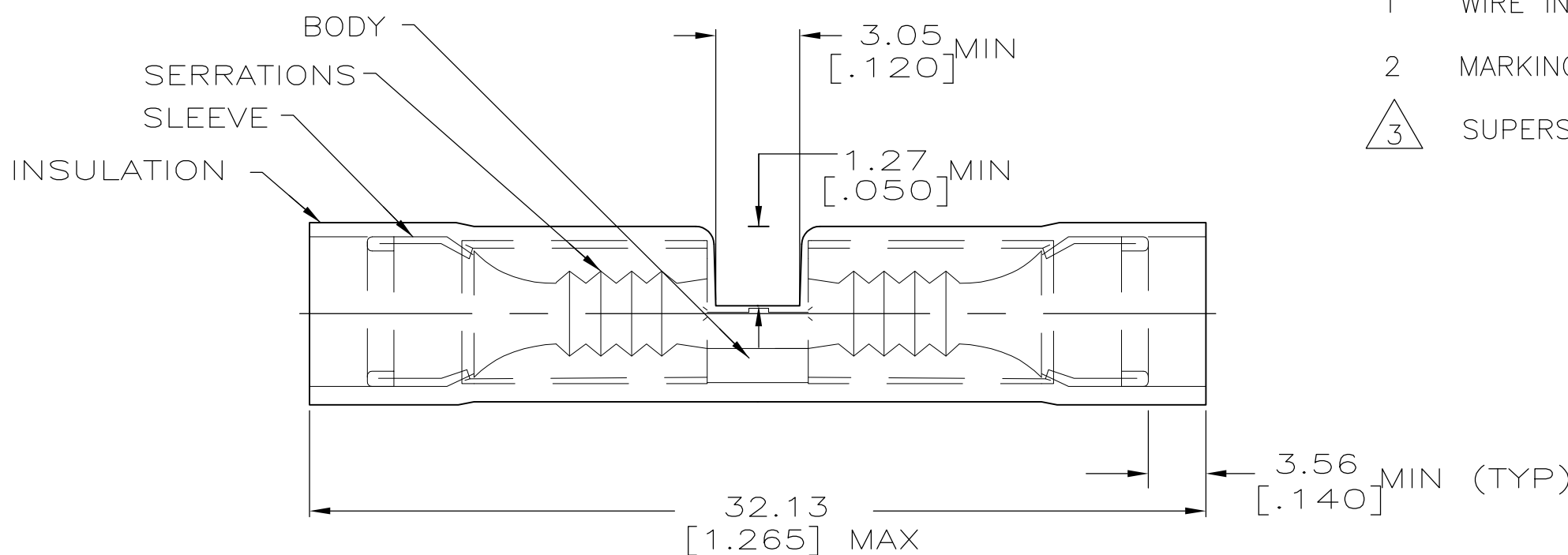
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LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
G	14		V2	REVISED PER ECO-11-004587	11MAR11	RK	HMR

300 VOLT MAX		
AMP WIRE RANGE	Listed FILE E13288	LR7189 Certified
22-16 AWG SOLID OR STRANDED	22-16 AWG SOLID OR STRANDED	22-16 AWG SOLID OR STRANDED

600 VOLT MAX		
AMP WIRE RANGE	Listed FILE E13288	LR7189 Certified
22-16 AWG STRANDED	22-16 AWG STRANDED	22-16 AWG STRANDED



- 1 WIRE INSULATION DIA 2.03[.080] TO 3.18[.125]
- 2 MARKING 22-18 FOR MILITARY COMMERCIAL RANGE 22-16
- 3 SUPERSEDED BY 8-320559-2

-	4000	LOOSE PIECE, CTN	8-320559-6
-	100	LOOSE PIECE, BOX SPL	8-320559-5
-	5	LOOSE PIECE, BLS	8-320559-4 ³
-	50	LOOSE PIECE, BOX	8-320559-2
M7928/5-3 CLASS 2	2500	ON TAPE	2-320559-4
M7928/5-3 CLASS 1 & 2	50	LOOSE PIECE	320559
MILITARY PART NUMBER & CLASS PER MIL-T-7928	QTY	PACKAGE TYPE	PART NO.

AMP INCORPORATED CUSTOMER SERVICE SYSTEMS		MAX RECOMMENDED OPERATING TEMPERATURE: 105°C [221°F]
FOR ADDITIONAL PRODUCT INFORMATION OR COPIES OF DRAWINGS AND TECHNICAL DOCUMENTS	PRODUCT INFORMATION CENTER 1-800-522-6752	VOLTAGE RATING: 600V MAX (1000V MAX FIXTURE OR SIGN)
FOR APPLICATION TOOLING INFORMATION	TOOLING ASSISTANCE CENTER 1-800-722-1111	CIRCULAR MIL AREA: 0.26-1.65mm² [509-3260]
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 S.S. GOULDEN 9-28-93	TE Connectivity	
DIMENSIONS: mm [INCHES]		CHK R. HERSEY 9-28-93		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD M ELLIS 9-28-93		
0 PLC ± - 1 PLC ± - 2 PLC ± 0.20[.008] 3 PLC ± - 4 PLC ± - ANGLES ± -		NAME		
MATERIAL COPPER PER ASTM B-152		FINISH TIN PL PER ASTM B545	SPLICE, BUTT, PIDG WIRE SIZE: 22-16	
CUSTOMER DRAWING		WEIGHT -	SIZE A3	CAGE CODE 00779
			DRAWING NO C-320559	RESTRICTED TO -
			SCALE 4:1	SHEET 1 OF 1
				REV V2