



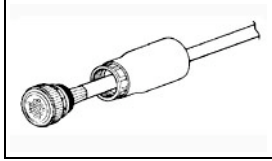
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54012-1 Product Details

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54012-1

TE Internal Number: 54012-1

Active

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CPC Accessories

Always EU RoHS/ELV Compliant (Statement of Compliance)

Product Highlights:

- Accessory Type = Cable Seal
- Shell Size = 23
- Cable Diameter Sealing Range = 13.97 - 31.75 mm
- RoHS compliant, ELV compliant
- Lead Free Solder Processes = Not relevant for lead free process

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Documentation & Additional Information	
<p>Product Drawings:</p> <ul style="list-style-type: none"> • STRAIN RELIEF ASSY, SHELL SIZE 23, CPC (PDF, English) <p>Catalog Pages/Data Sheets:</p> <ul style="list-style-type: none"> • AMP Circular Connectors for Commercial Signal & Powe... (PDF, English) <p>Product Specifications:</p> <ul style="list-style-type: none"> • None Available <p>Application Specifications:</p> <ul style="list-style-type: none"> • None Available <p>Instruction Sheets:</p> <ul style="list-style-type: none"> • Accessories for Circular Plastic Connectors (CPC) (PDF, English) <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>Additional Information:</p> <ul style="list-style-type: none"> • Product Line Information <p>Related Products:</p> <ul style="list-style-type: none"> • Tooling

[List all Documents](#)

Product Features (Please use the Product Drawing for all design activity)	
<p>Product Type Features:</p> <ul style="list-style-type: none"> • Accessory Type = Cable Seal • Shell Size = 23 • Thread Size = 1-3/8-18 <p>Dimensions:</p> <ul style="list-style-type: none"> • Cable Diameter Sealing Range (mm [in]) = 13.97 - 31.75 [0.550 - 1.250] <p>Body Features:</p> <ul style="list-style-type: none"> • Internal Sleeve Material = Nylon • Internal Sleeve Color = Black • Outer Tubing Material = Polyolefin • Outer Tubing Color = Black 	<p>Industry Standards:</p> <ul style="list-style-type: none"> • 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 Quantity = 50 <p>Other:</p> <ul style="list-style-type: none"> • Brand = AMP

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LOC	DIST	REVISIONS			
P	LTR	DESCRIPTION	DATE	DWN	APVD
FT	0	V2	REVISED PER ECO-11-004917	11MAR11	RK HMR

NOTES:

1 POLYOLEFIN, BLACK.
 2 NYLON, BLACK.
 3 NOMINAL WALL THICKNESS, EXPANDED.
 4 LENGTH OF SEALANT.
 5 EXPANDED INSIDE DIAMETER.
 6 12.70[.500] MAXIMUM RECOVERED INSIDE DIAMETER.
 7. ASSEMBLY WILL PASS 0.0703 KG PER SQ CENTIMETER [ONE POUND PER SQ IN.] WATER PRESSURE TEST.
 8 121°C [250°F] SHRINK TEMPERATURE.
 9. -55°C TO 110°C [-67°F TO 230°F] OPERATING TEMPERATURE.
 10. THIS PART WILL ACCOMODATE $\phi 13.97 - \phi 31.75$ [$\phi .550 - \phi 1.250$] CABLE RANGE.
 11 NO SEALANT APPLIED.
 12 ACTUAL SHAPE MAY VARY DUE TO PROCESS VARIANCE.
 13 OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI

13 OBSOLETE	1 7/16-18 UNEF-2B	54012-6
13 OBSOLETE	1 3/8-18 UNEF-2B	54012-5
13 OBSOLETE	1 7/16-18 UNEF-2B	54012-4
13 OBSOLETE	1 3/16-18 UNEF-2B	54012-3
13 OBSOLETE	1 3/8-18 UNEF-2B	54012-1
THREAD "A"		PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN C.REIFSNYDER 10 APR 96	TE Connectivity	
DIMENSIONS: INCHES		CHK R.STONE 15 APR 95	NAME	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD T.A.WETZEL 03 MAY 96	STRAIN RELIEF ASSY, SHELL SIZE 23, CPC	
0 PLC ± -		PRODUCT SPEC	SIZE A2	CAGE CODE 00779
1 PLC ± -		APPLICATION SPEC	DRAWING NO C=54012	RESTRICTED TO
2 PLC ± -		WEIGHT -	SCALE 2:1	SHEET 1 of 1
3 PLC ± -		CUSTOMER DRAWING	REV V2	
4 PLC ± -				
ANGLES ± -				
FINISH -				
MATERIAL TUBING: 1 SLEEVE: 2				

1471-9 (3/11)

54012

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