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640903-1 Product Details

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640903-1

TE Internal Number: 640903-1

Active

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Quick Disconnect Receptacles - Insulated

Always EU RoHS/ELV Compliant (Statement of Compliance)

Product Highlights:

- Proprietary Name = PIDG FASTON
- Receptacle Style = Straight
- Wire Range = 0.30-0.90² [22-18] mm [AWG]
- Mating Area Interface Dimensions = 6.35 x 0.81 mm
- Insulation Diameter = 3.56 [.140] Max. mm [in]

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Documentation & Additional Information	
<p>Product Drawings:</p> <ul style="list-style-type: none"> • RECEPTACLE, 250 SERIES, FASTON , PIDG , 22-18 (PDF, English) <p>Catalog Pages/Data Sheets:</p> <ul style="list-style-type: none"> • PIDG_FASTON (PDF, English) • Ultra-Fast and Ultra Fast Plus (PDF, English) <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) FASTON Receptacle ... (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 J1) • 3D Model (IGES, Version J1) • 3D Model (STEP, Version J1) 	<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"> • Receptacle Style = Straight • Insertion Force = Normal • Finish = Tin • Dimple Type = Dimple with wire stop • Insulation Support = Insulation Support • RU (UL Component Program) = Approved • Color = Red <p>Electrical Characteristics:</p> <ul style="list-style-type: none"> • Voltage (VAC) = 300 <p>Termination Features:</p> <ul style="list-style-type: none"> • Wire/Cable Size (CMA) = 509 - 1,900 <p>Dimensions:</p> <ul style="list-style-type: none"> • Mating Area Interface Dimensions (mm [in]) = 6.35 x 0.81 [.250 x .032] • Insulation Diameter (mm [in]) = 3.56 [.140] Max. 	<p>Body Features:</p> <ul style="list-style-type: none"> • Fully Insulated = No • Wire Range (mm [AWG]) = 0.30-0.90² [22-18] • Material = Brass • Insulation Material = Nylon • Stock Thickness (mm [in]) = 0.46 [0.018] <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 • CSA Certified = Yes <p>Packaging Features:</p> <ul style="list-style-type: none"> • Packaging Method = Loose Piece <p>Other:</p> <ul style="list-style-type: none"> • Proprietary Name = PIDG FASTON • Brand = AMP

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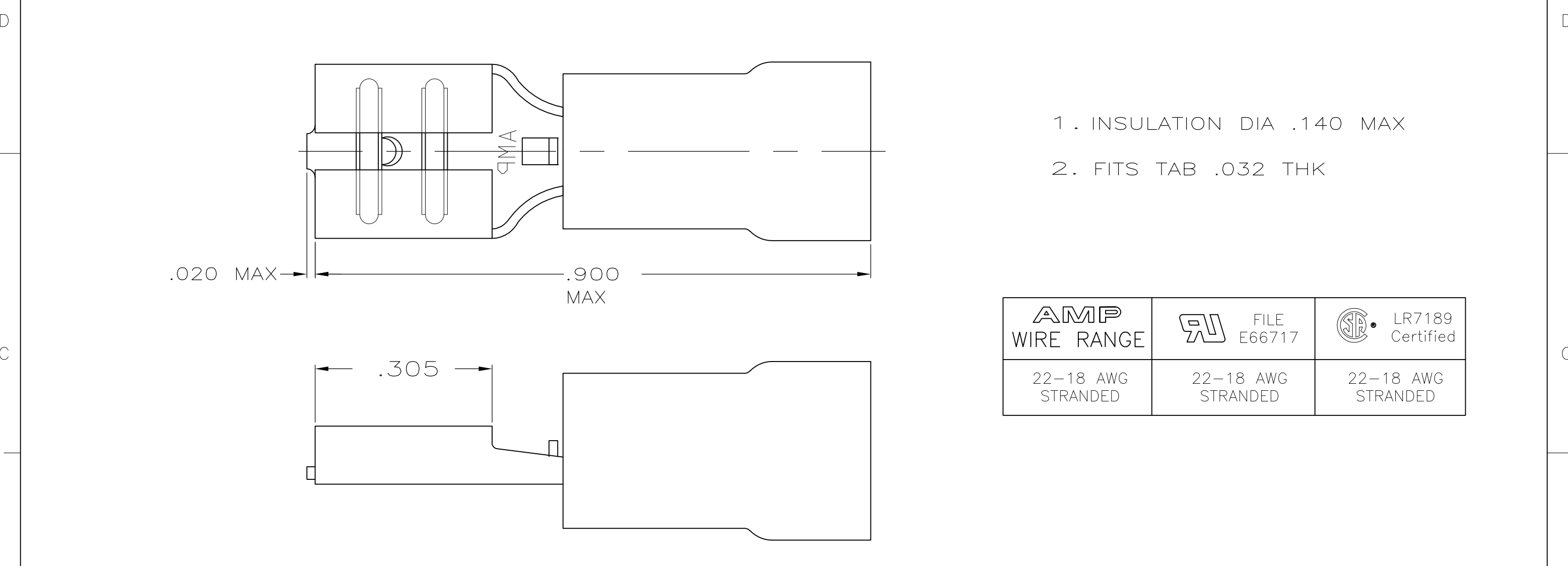
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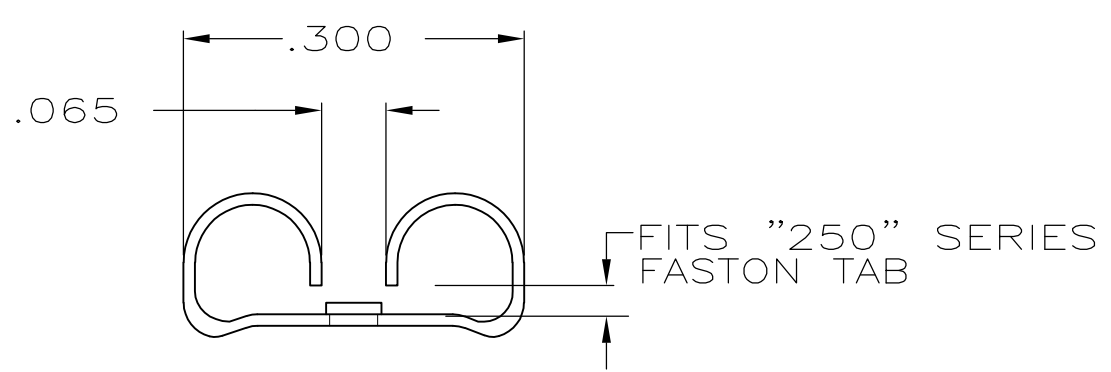
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LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
G	14		J2	REVISED PER ECO-11-004587	11MAR11	RK	HMR



- 1. INSULATION DIA .140 MAX
- 2. FITS TAB .032 THK

AMP WIRE RANGE	FILE E66717	LR7189 Certified
22-18 AWG STRANDED	22-18 AWG STRANDED	22-18 AWG STRANDED



QTY	PACKAGE TYPE	PART NO
50	LOOSE PC,BAG	8-640903-5
100	LOOSE PC,BOX	8-640903-1
4000	TAPE MOUNTED	640903-2
1000	LOOSE PIECE	640903-1

AMP INCORPORATED CUSTOMER SERVICE SYSTEMS		MAX RECOMMENDED OPERATING TEMPERATURE: 105° C	THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN L OLMEDA 26JUN95	TE Connectivity				
FOR ADDITIONAL PRODUCT INFORMATION OR COPIES OF DRAWINGS AND TECHNICAL DOCUMENTS	PRODUCT INFORMATION CENTER 1-800-522-6752	VOLTAGE RATING: 300V MAX	DIMENSIONS: INCHES	TOLERANCES UNLESS OTHERWISE SPECIFIED:	CHK M ELLIS 26JUN95				NAME RECEPTACLE, 250 SERIES, FASTON , PIDG , 22-18	
FOR APPLICATION TOOLING INFORMATION	TOOLING ASSISTANCE CENTER 1-800-722-1111	CIRCULAR MIL AREA: 509-1,900 STRANDED		0 PLC ± - 1 PLC ± - 2 PLC ± .015 3 PLC ± - 4 PLC ± - ANGLES ± -	APVD B BARE 26JUN95	PRODUCT SPEC UL 310	SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
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 BODY,BRASS .018	FINISH BODY,TIN	APPLICATION SPEC 114-1002	WEIGHT -	A3	00779	C-640903	-
CUSTOMER DRAWING						SCALE 6:1	SHEET 1 OF 1	REV J2		