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206305-1 Product Details

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206305-1

TE Internal Number: 206305-1

Active

View 3D PDF

CPC (Circular Plastic) and Circular Metal-Shell Connectors

Always EU RoHS/ELV Compliant (Statement of Compliance)

Product Highlights:

- Housing
- Connector Style = Plug
- 37 Positions
- 37 Signal Positions
- 0 Power Positions

[View all Features](#)

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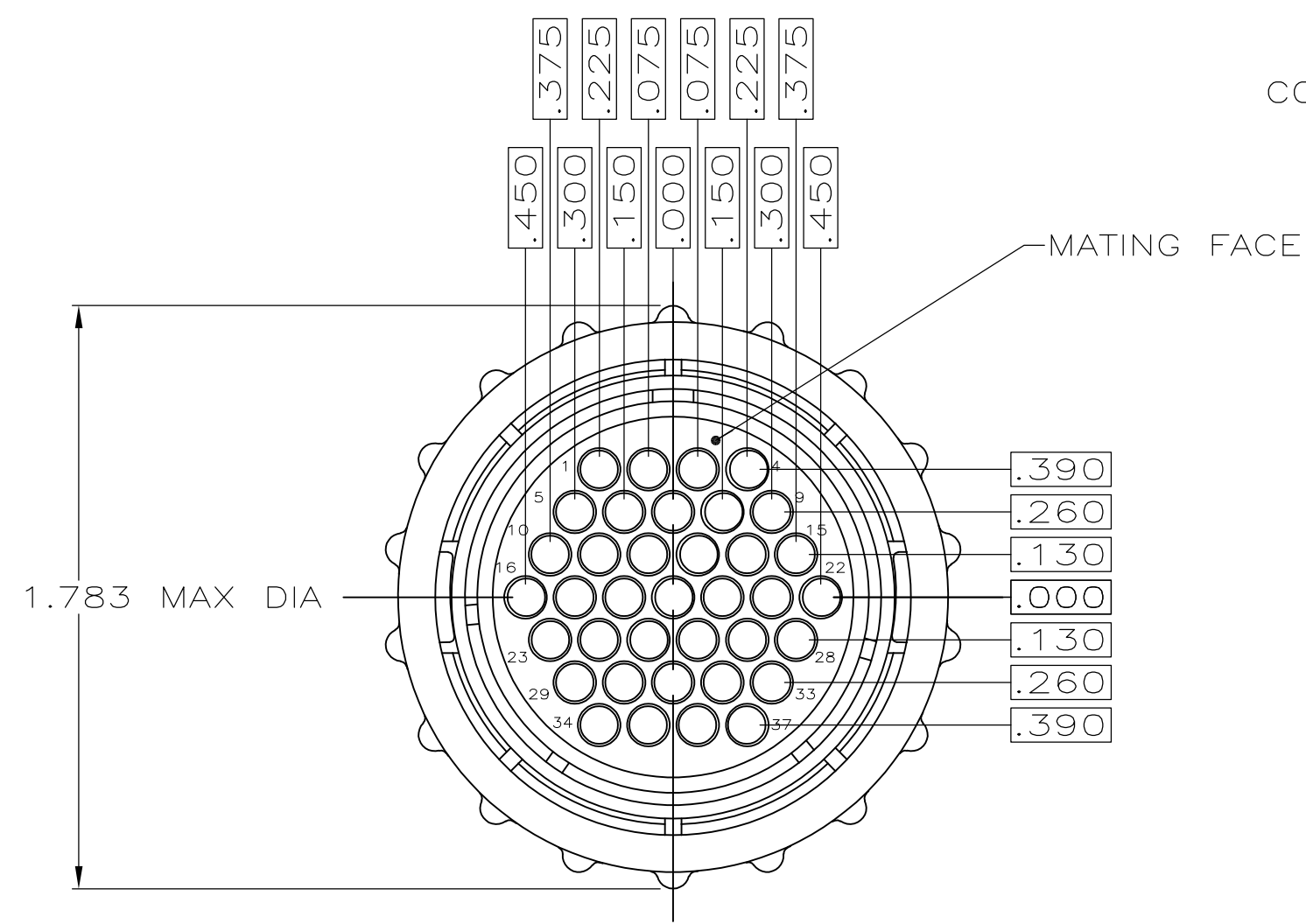
Documentation & Additional Information	
<p>Product Drawings:</p> <ul style="list-style-type: none"> • PLUG ASSEMBLY, SHELL SIZE 23, REVERSE SEX, SERIES 1, CPC (PDF, English) <p>Catalog Pages/Data Sheets:</p> <ul style="list-style-type: none"> • AMP Circular Connectors for Commercial Signal & Powe... (PDF, English) <p>Product Specifications:</p> <ul style="list-style-type: none"> • None Available <p>Application Specifications:</p> <ul style="list-style-type: none"> • Circular Plastic Connectors (CPC) (PDF, English) <p>Instruction Sheets:</p> <ul style="list-style-type: none"> • Circular Plastic Connectors (CPC) (PDF, English) <p>CAD Files: (CAD Format & Compression Information)</p> <ul style="list-style-type: none"> • 2D Drawing (DXF, Version G) • 3D Model (IGES, Version G) • 3D Model (STEP, Version G) 	<p>Additional Product Images:</p> <ul style="list-style-type: none"> • Keying Options <p>Related Products:</p> <ul style="list-style-type: none"> • Tooling • Mating Products (8)

[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"> • Connector Type = Housing • Mount Angle = Straight • Shell Size = 23 • Shell Type = All Plastic • Product Series = Series 1 • Thread Size = 1-3/8 - 18 UNEF-2A • Sealed = No <p>Mechanical Attachment:</p> <ul style="list-style-type: none"> • Mount = Free Hanging • Mating Retention Type = Threaded Coupling <p>Contact Features:</p> <ul style="list-style-type: none"> • Contact Type = Pin • Reverse Gender = Reverse <p>Housing Features:</p> <ul style="list-style-type: none"> • Connector Style = Plug • Mating Alignment Type = Keyed • Housing Material = Thermoplastic - GF • Housing Color = Black • UL Flammability Rating = UL 94V-0 	<p>Configuration Features:</p> <ul style="list-style-type: none"> • Number of Positions = 37 • Number of Signal Positions = 37 • Number of Power Positions = 0 • Environmental Protection = Without • Reverse Numbering = Without <p>Industry Standards:</p> <ul style="list-style-type: none"> • VDE Tested = No • 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>Identification Marking:</p> <ul style="list-style-type: none"> • Keying = A <p>Environmental:</p> <ul style="list-style-type: none"> • Fluid Resistance = None <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						
G2		REVISE PER ECO-11-004587	11MAR11	RK	HMR		



COUPLING RING
POLYESTER

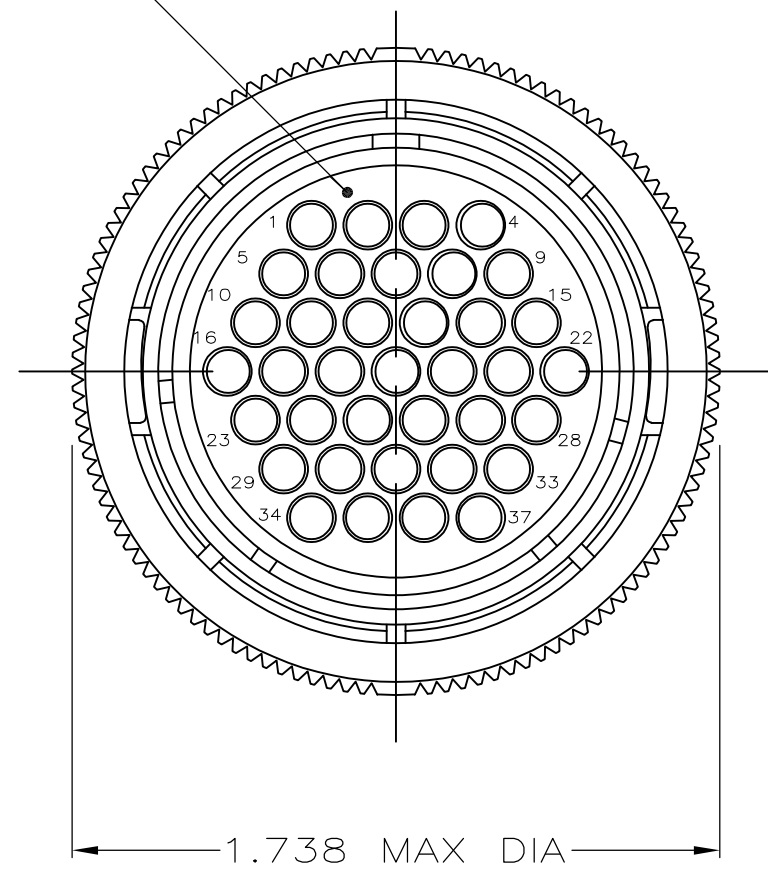
AMP & PART NUMBER
THIS DIA

PLUG HOUSING
NYLON 6/6,
GLASS FILLED

(-1, -2 & -5 ONLY)

1.365 MAX

MATING FACE



COUPLING RING
POLYOHENYLENE

PLUG HOUSING
NYLON 6/6,
GLASS FILLED,

(-4 ONLY)

1.365 MAX

- 1. CONTACT CAVITIES IDENTIFIED BY CHARACTERS ON FRONT AND REAR FACES OF CONNECTOR.
- 2. WILL ACCEPT (37) MULTIMATE PIN CONTACTS.
- 3. PRELIMINARY PART NUMBER.
- 4. OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI

3	NATURAL	STANDARD	206305-5
	BLACK	STANDARD	206305-4
4	OBSOLETE	BLACK	SMALL PACK
	BLACK	STANDARD	206305-1
	COLOR	PACKAGING	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	S.RIDGLEY	BG	8/2/90	TE TE Connectivity	
DIMENSIONS: INCHES		CHK	R.STONE		4-26-91		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD	J.FULPONI		5-2-91	NAME	
0 PLC ± -		PRODUCT SPEC				PLUG ASSEMBLY, SHELL	
1 PLC ± -		APPLICATION SPEC				SIZE 23, REVERSE SEX,	
2 PLC ± -						SERIES 1, CPC	
3 PLC ± .005		WEIGHT	-			SIZE	A2
4 PLC ± -		CUSTOMER DRAWING				CAGE CODE	00779
ANGLES ± -		SCALE	2:1			DRAWING NO	C=206305
FINISH		SHEET	1 of 1			RESTRICTED TO	-
SEE CALLOUT		REV	G2				