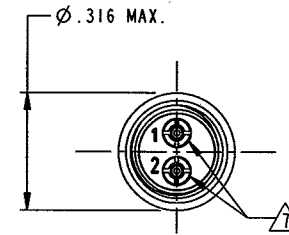
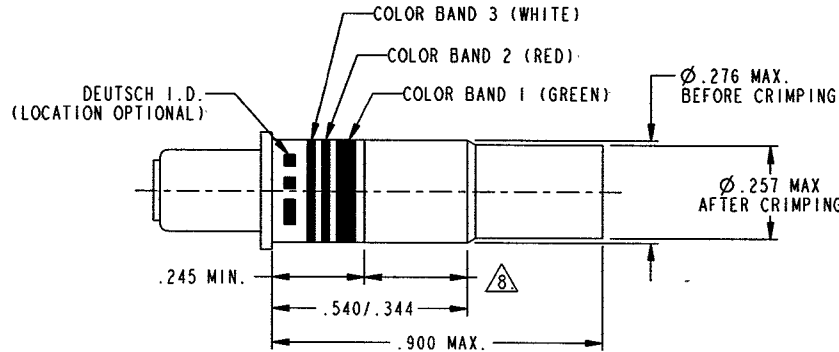


PROPERTY OF DEUTSCH E.C.D.

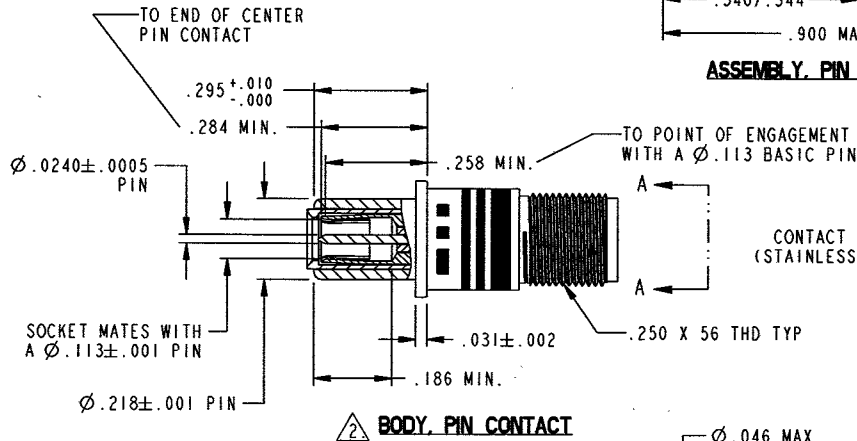
This drawing contains proprietary information that shall not be disclosed, duplicated, nor used in whole or in part for any purpose other than to evaluate this drawing.

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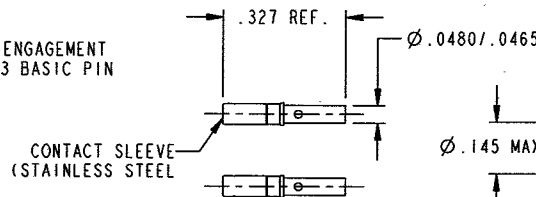
REVISIONS			DATE	APPROVED
REV	DESCRIPTION			
G	REVISED PER E.O. C5622		5-28-03	JPT



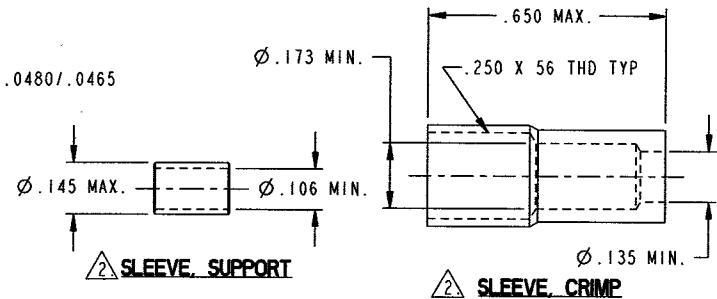
ASSEMBLY, PIN CONTACT



BODY, PIN CONTACT

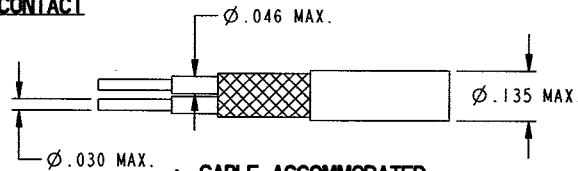


CONTACTS, SOCKET
(2 REQUIRED)
M39029/22-191
MFG. P/N CTS-S22/22

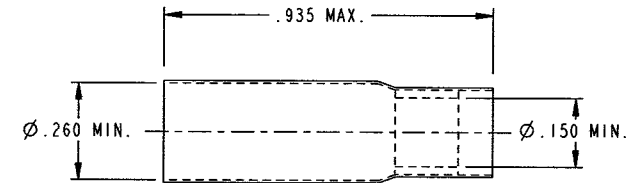


SLEEVE, SUPPORT

SLEEVE, CRIMP



CABLE ACCOMMODATED
M17/176-00002



HEAT SHRINK BOOT

10. CABLES ACCOMMODATED: M17/176-00002
M27500(C,D)26SC2M23

9. FOR ASSEMBLY INSTRUCTIONS, SEE FORM 996.

8. IN AREA SHOWN, THE DIAMETER MAY GROW TO .290 MAX. AFTER CRIMPING.

7. CAVITY MARKED '1' GOES TO INNER CONTACT, CAVITY MARKED '2' GOES TO INTERMEDIATE CONTACT.

6. WIRE SEALING BOOT UTILIZED WITH THESE CONTACTS WILL SEAL ON CABLE WITH A MIN. JACKET DIA. OF .105 AND A MAX. OF .276. SMALLER DIA. CABLE MUST BE INCREASED WITH THE USE OF HEAT SHRINKABLE TUBING.

5. .030 DIA. SHOWN IS FOR STRANDED CONDUCTOR. SOLID CONDUCTOR MAY BE SLIGHTLY LARGER.

4. CONTACTS PLATED .000050 MIN. GOLD THICKNESS PER MIL-G-45204.

3. ALL COMPONENTS MADE OF HIGH GRADE COPPER ALLOY EXCEPT AS SHOWN.

2. DESIGNATES PARTS ARE SHIPPED LOOSE.

1. DIMENSIONS ARE IN INCHES. DIMENSIONS SHOWN APPLY AFTER PLATING.

NOTES:

CONTACT RESISTANCE						MIN. CRIMP TENSILE STRENGTH AXIAL LOAD (POUNDS)	DIELECTRIC WITHSTANDING VOLTAGE		
CONTACT	CABLE ACCOMMODATED	TEST CURRENT (AMPERES)	MAXIMUM VOLTAGE DROP (mV)				CONTACTS	ALTITUDE	TEST VOLTAGES A.C. RMS
			25°C INITIAL	175°C AFTER CONDITIONING	0°C AFTER CONDITIONING				
CENTER	M17/176-00002	1.0	55	66	94	8	CENTER TO INTERMEDIATE	SEA LEVEL	1000
INTERMEDIATE	M17/176-00002	1.0	55	66	94	8	-----	-----	-----
OUTER	M17/176-00002	12.0	75	90	128	25	INTERMEDIATE TO OUTER	SEA LEVEL	500

SIGNATURE & DATE	
DR	J. FRIEDHOF 1-28-00
CHK	M.K. 1-31-00
PE	J. FRIEDHOF 1-28-00
APPD	<i>[Signature]</i> 060609
SCALE	WT NONE

CONTACT, PIN
ELECTRICAL CONNECTOR
CONCENTRIC TWINAX
SIZE 8
FOR D38999 CONNECTOR
PER MIL-C-39029/90-529
ENVELOPE

CP	MATL CODE
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DEUTSCH ENGINEERED CONNECTING DEVICES	
5733 W. Whittier Ave. Hemet, California	
A DWG SIZE	6162-283-0877
	CODE 11139 SHEET 1 OF 1