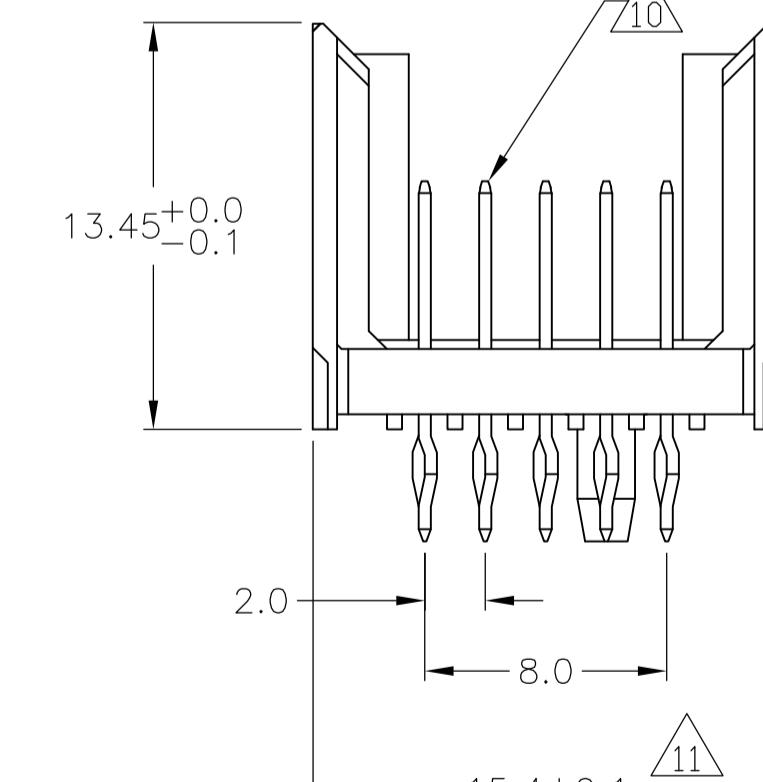
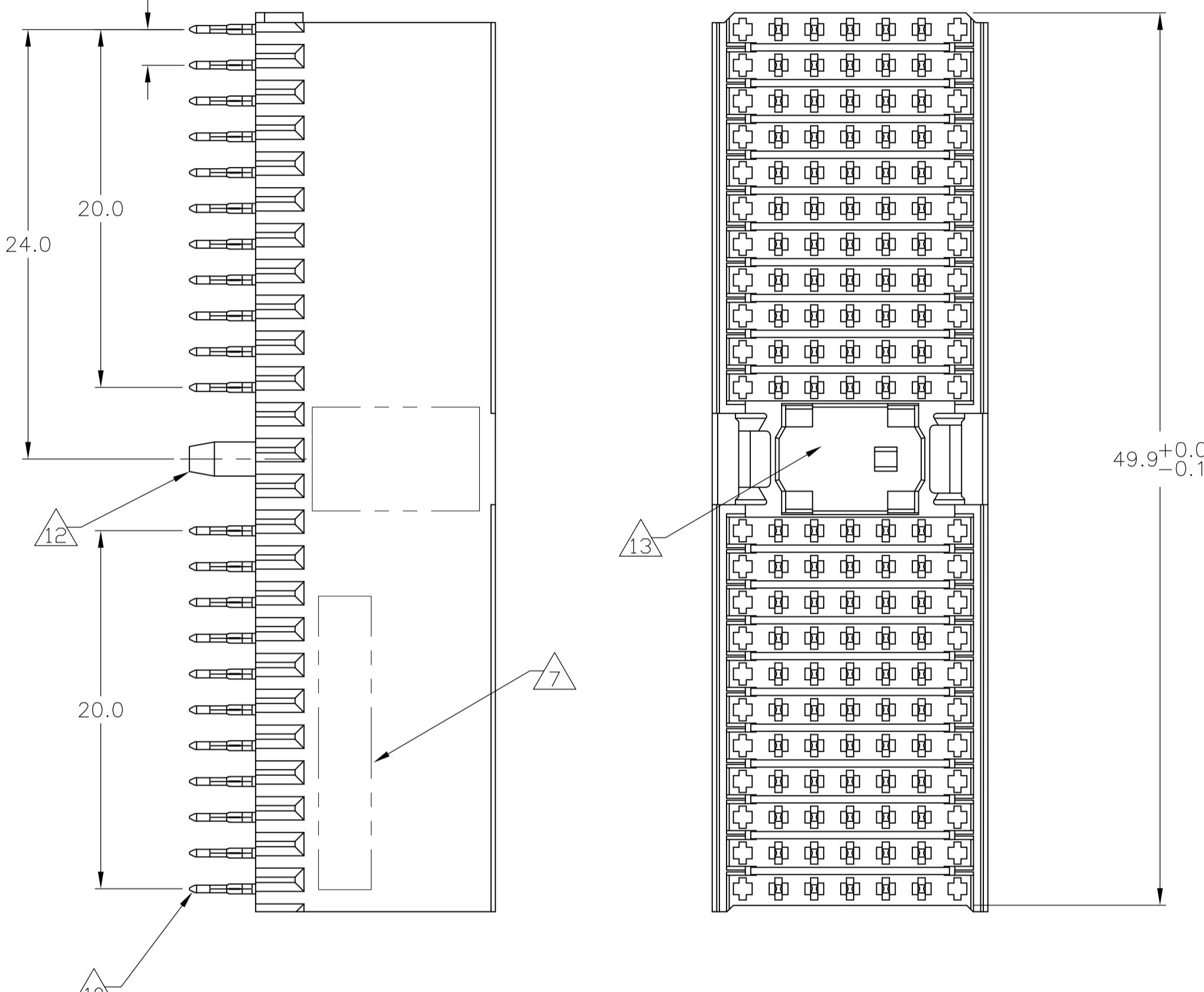
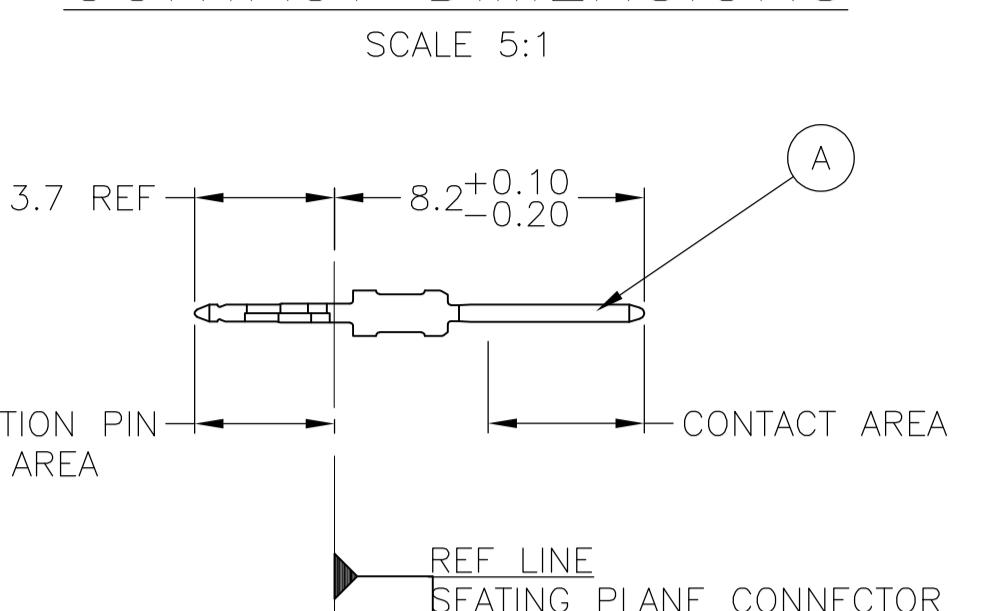


CONNECTOR ASSEMBLY  
EXAMPLARY LOADED 



CONTACT DIMENSIONS



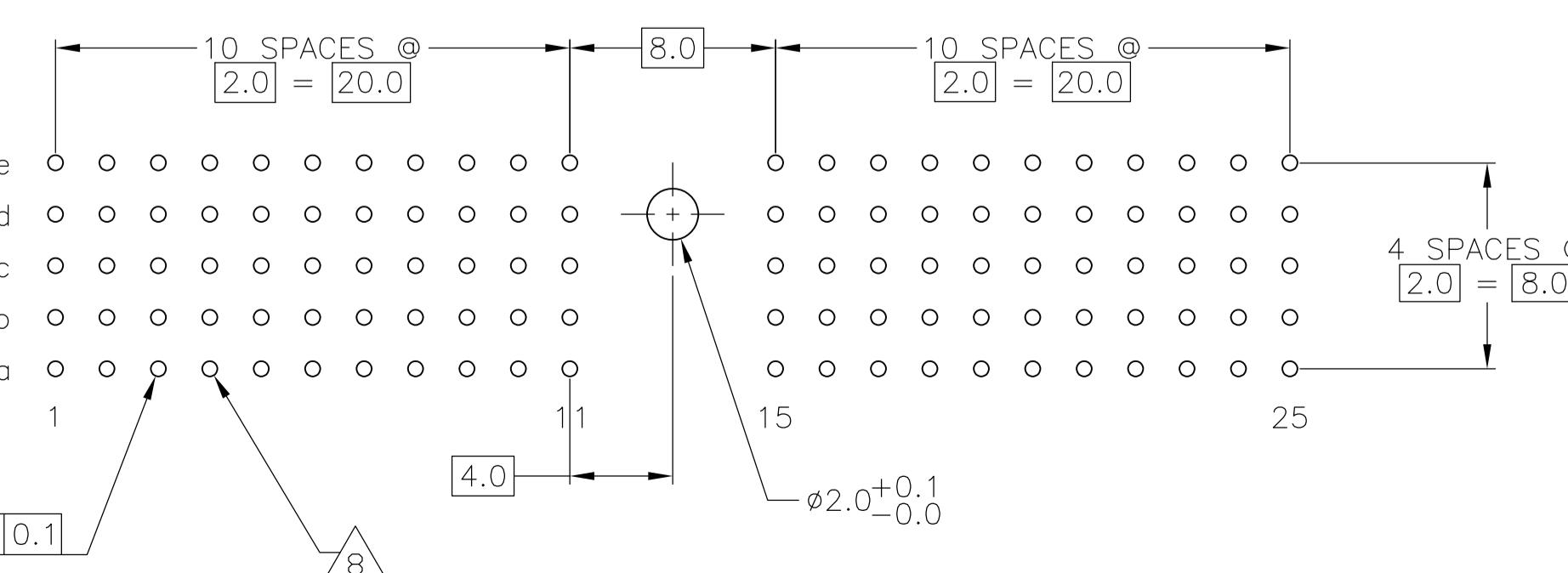
SCALE 5:1

REF LINE  
SEATING PLANE CONNECTOR

RECOMMENDED PCB-HOLE LAYOUT  
COMPONENT SIDE SHOWN

PLATED THRU HOLES PARAMETERS

REFERENCE APPLICATION SPECIFICATION



THIS DRAWING IS A CONTROLLED DOCUMENT.		DRW B.CARBO 24JAN05	NAME
DIMENSIONS:	mm	TOLERANCES UNLESS OTHERWISE SPECIFIED	
1	0.1	0.160 ± 0.010	APVD G.SKIPPER 24JAN05
2	0.160 ± 0.010	± 0.2	PRODUCT SPEC
3	0.160 ± 0.010	± 0.2	108-19082
4	0.160 ± 0.010	± 0.2	APPLICATION SPEC
5	0.160 ± 0.010	± 0.2	114-19029
6	0.160 ± 0.010	± 0.2	MATERIAL
7	0.160 ± 0.010	± 0.2	FINISH
8	0.160 ± 0.010	± 0.2	SEE TABLE
9	0.160 ± 0.010	± 0.2	WEIGHT
10	0.160 ± 0.010	± 0.2	SIZE
11	0.160 ± 0.010	± 0.2	CAGE CODE
12	0.160 ± 0.010	± 0.2	DRAWING NO
13	0.160 ± 0.010	± 0.2	RESTRICTED TO
14	0.160 ± 0.010	± 0.2	A1 00779 C 5100143
15	0.160 ± 0.010	± 0.2	CUSTOMER DRAWING
16	0.160 ± 0.010	± 0.2	SCALE 4:1
17	0.160 ± 0.010	± 0.2	1 OF 2
18	0.160 ± 0.010	± 0.2	REV F

CONTACT LAYOUT

	z	a	b	c	d	e	f
1	A	A	A	A	A	A	
2	A	A	A	A	A	A	
3	A	A	A	A	A	A	
4	A	A	A	A	A	A	
5	A	A	A	A	A	A	
6	A	A	A	A	A	A	
7	A	A	A	A	A	A	
8	A	A	A	A	A	A	
9	A	A	A	A	A	A	
10	A	A	A	A	A	A	
11	A	A	A	A	A	A	
MULTI PURPOSE CENTER							
15	A	A	A	A	A	A	
16	A	A	A	A	A	A	
17	A	A	A	A	A	A	
18	A	A	A	A	A	A	
19	A	A	A	A	A	A	
20	A	A	A	A	A	A	
21	A	A	A	A	A	A	
22	A	A	A	A	A	A	
23	A	A	A	A	A	A	
24	A	A	A	A	A	A	
25	A	A	A	A	A	A	

 3-5100143-0

 1-5100143-9

 5100143-9

 5100143-4

 5100143-1

 FINISH

PART NUMBER

 TE Connectivity

MALE ASSEMBLY, Z-PACK 2mm HM,

TYPE A

**1** MATERIAL:  
CONTACT: PHOSPHOR BRONZE.  
HOUSING: GLASS-FILLED POLYESTER.

**2** GENERAL PLATING SPECIFICATION: UNDERPLATING  
(ENTIRE CONTACT): 1.27 $\mu$ m MIN NICKEL AND ACTION  
PIN: 0.5 $\mu$ m MIN TIN.  
FOR PLATING OF MATING SURFACES SEE APPLICABLE  
SPECIFICATION REFERENCE FOR EACH DASH NUMBER.

**3** CONFORMS TO ALL TESTING ACCORDING TO IEC 61076-4-101  
PERFORMANCE LEVEL 2.

**4** CONFORMS TO ALL TESTING ACCORDING TO IEC 61076-4-101  
PERFORMANCE LEVEL 1.

**5** CONNECTOR TESTED AND QUALIFIED AGAINST TELCORDIA GR-1217-CORE QUALITY LEVEL 3,  
CENTRAL OFFICE APPLICATIONS.

**6** CONNECTOR TESTED AND QUALIFIED AGAINST TELCORDIA GR-1217-CORE QUALITY LEVEL 3,  
UNCONTROLLED ENVIRONMENT APPLICATIONS.

**7** CONNECTOR MARKED WITH PART NUMBER AND DATE CODE.  
ADDITIONAL CHARACTERS OR MARKINGS, AS WELL AS THE LOCATION OF THE MARKINGS,  
MAY BE ADDED FOR TRACEABILITY BASED UPON MANUFACTURERS DISCRETION.

**8** PLATED-THROUGH HOLES AT 2x2mm SQUARE GRID  
PATTERN DEFINED BY CONTACT LAYOUT.

**9** FOR ACTUAL PIN LOADING SEE "CONTACT LAYOUT".

**10** FOR ACTUAL PIN DIMENSIONS SEE "CONTACT DIMENSIONS".

**11** TO BE MEASURED AT BOTTOM OF SHROUD.

**12** POLARIZATION FEATURE.

**13** AREA RESERVED FOR KEYING PART (BASIC P/N 100525).

**14** CONNECTOR LUBRICATED WITH BELCORE APPROVED LUBRICANT,  
TECHNICAL REFERENCE: TR-NWT-001217 ISSUE 1, SEP 1992.

**15** OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI

**16** 0.76 $\mu$ m MIN. GOLD PLATING AT MATING SURFACES.

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWY	24JAN05	TE Connectivity
		000	24JAN05	
DIMENSIONS:	TOLERANCES UNLESS OTHERWISE SPECIFIED	APVD	24JAN05	NAME
mm		G SKIPPER		MALE ASSEMBLY, Z-PACK 2mm HM, TYPE A
	0-PLC $\pm 0.05$ 1-PLC $\pm 0.1$ 2-PLC $\pm 0.05$ 3-PLC $\pm 0.05$ 4-PLC $\pm 0.05$ 5-PLC $\pm 0.05$	$\pm 0.2$	108-19082	
			APPLICATION SPEC	
			114-19029	
MATERIAL	FINISH	SIZE	CAGE CODE	DRAWING NO
SEE SHEET 1	SEE SHEET 1	—	A1	00779 C 5100143
		WEIGHT	—	RESTRICTED TO
		CUSTOMER DRAWING	—	
		SCALE	4:1	REV F
		2	OF	2

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Authorized Distributor

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